



# Signaling Proteins

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An Accelerator for Mechanism Research and Drug Development

aladdin<sup>®</sup>  
S C I E N T I F I C

# Introduction

**Signal Pathway** refers to the process by which cells transmit extracellular signals (such as hormones, growth factors, cytokines, etc.) into cells through a series of molecular events, thereby regulating the physiological activities of cells (such as proliferation, differentiation, apoptosis, migration, etc.). Signal pathways are an important mechanism for cells to respond to changes in the external environment, ensuring that cells can adapt and regulate their own functions.

Signal pathway proteins refer to proteins that play a key role in signal pathways. These proteins transmit extracellular signals into cells through interactions and modifications, regulating the physiological activities of cells, such as proliferation, differentiation, apoptosis, migration, etc. Signal pathway proteins include receptor proteins, transcription factors, kinases, phosphatases, G proteins, etc., which play specific functions in different signal pathways.

At the forefront of biomedical research, signal pathway proteins are the key to unlocking cell functions and disease mechanisms. Therefore, we are committed to providing high quality signal pathway proteins to provide strong support for scientific researchers. These proteins cover key signal pathways including MAPK, PI3K/Akt, Wnt and Notch, providing a solid foundation for the study of core biological processes such as cell proliferation, differentiation, apoptosis and migration. Our signaling pathway proteins are rigorously validated to ensure high quality for your research.



Cat.No.	Product Name	Specifications & Purity	Size
rp184949	Recombinant Human 14-3-3 zeta Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp176242	Recombinant Human ACE-2 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp175922	Recombinant Human ALDH1A1 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/100µg/1mg
rp184863	Recombinant Human AMPK alpha 1 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp183600	Recombinant Human Axl Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp176244	Recombinant Human B7-H3(4Ig)/B7-H3b Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp167793	Recombinant Human B7-H4 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp143119	Recombinant human BACE1 protein	Animal Free, Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156681	Recombinant Human Bcl-2 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp175902	Recombinant Human Bcl-XL Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183602	Recombinant Human BID Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp184874	Recombinant Human BIM Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156640	Recombinant Human Caspase-3 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp156666	Recombinant Human p21 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp176706	Recombinant Human p27 KIP 1 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/100µg/1mg
rp170130	Recombinant Human c-Fos Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp184918	Recombinant Human ERK1 Protein	Carrier Free, ≥ 85%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp170129	Recombinant Human FAP Protein	Animal Free, Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp169610	Recombinant Human Fatty Acid Synthase Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/100µg/1mg
rp183681	Recombinant Human FKBP12 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156651	Recombinant Human FOXP3 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156642	Recombinant Human GFAP Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/100µg/1mg

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rp156668	Recombinant Human Histone H4 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp156653	Recombinant Human HMGB1 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp184909	Recombinant Human HMGN1 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp170121	Recombinant Human GTPase HRAS Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/100µg/1mg
rp175921	Recombinant Human HSP70/HSPA1A Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp179837	Recombinant Human IDO Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183743	Recombinant Human JNK1 Protein	Carrier Free, ≥ 85%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp184126	Recombinant Human KRAS Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192046	Recombinant Human KRAS (G12A) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192043	Recombinant Human KRAS (G12C) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192051	Recombinant Human KRAS (G12C, Q61H) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192042	Recombinant Human KRAS (G12D) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192050	Recombinant Human KRAS(G12D, Q61H) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192044	Recombinant Human KRAS (G12R) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp192045	Recombinant Human KRAS (G12V) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156656	Recombinant Human LC3B Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp148245	Recombinant Human Leptin Protein	Animal Free, Carrier Free, ≥ 97%(SDS-PAGE&HPLC)	100µg/200µg/1mg/5mg
L329647	Recombinant Mouse Leptin Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	1mg
rp148458	Recombinant Human Lysozyme protein	Animal Free, Carrier Free, ≥ 90%(SDS-PAGE)	1mg/1g
rp152124	Recombinant Human Tau Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp148798	Recombinant Human MICA Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp148803	Recombinant Human MICB Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg

Cat.No.	Product Name	Specifications & Purity	Size
rp169612	Recombinant Human mTOR Protein	Carrier Free, Azide Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp170134	Recombinant Human p53 Protein	Carrier Free, Azide Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp184076	Recombinant Human PKA C alpha Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183747	Recombinant Human PTEN Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp181310	Recombinant Human RBP4 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp184132	Recombinant Human RNF43 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183699	Recombinant Human S100A11 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp188430	Recombinant Human S100A3 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183701	Recombinant Human S100A4 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183703	Recombinant Human S100A7 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183594	Recombinant Human S100A8 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp183637	Recombinant Human S100A9 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156671	Recombinant Human S100B Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp151482	Recombinant Human SFRP4 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156336	Recombinant Human Sonic Hedgehog Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp188213	Recombinant Human Sonic Hedgehog/ Shh Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp188214	Recombinant Human Sonic Hedgehog/ Shh (C24II) Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156665	Recombinant Human SOD2/MnSOD Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp156646	Recombinant Human SOX2 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10µg/100µg/1mg
rp151779	Recombinant Human SPARC Protein	Animal Free, Carrier Free, ≥ 98%(SDS-PAGE&HPLC)	10µg/20µg/50µg/100µg/1mg
rp152388	Recombinant Human TIM 3 Protein	Animal Free, Carrier Free, ≥ 95%(SDS-PAGE)	10µg/50µg/100µg/1mg
rp170402	Recombinant Human UbcH5a/ UBE2D1 Protein	Carrier Free, Azide Free, ≥ 90%(SDS-PAGE)	10µg/50µg/100µg/1mg

Cat.No.	Product Name	Specifications & Purity	Size
rp184864	Recombinant Human UBCH6/ UBE2E1 Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp179797	Recombinant Human UbcH7/ UBE2L3 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp183711	Recombinant Human Ube2H Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp184866	Recombinant Human UBE2S Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp179800	Recombinant Human UCH-L3 Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp183714	Recombinant Human VAP-B Protein	Carrier Free, ≥ 95%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp153094	Recombinant Human VCAM1 Protein	Carrier Free, ≥ 92%(SDS-PAGE)	10μg/50μg/100μg/1mg
rp183751	Recombinant Human XIAP Protein	Carrier Free, ≥ 90%(SDS-PAGE)	10μg/100μg/1mg

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