



Immune Checkpoint Proteins

The New Weapon Against Cancer!

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Introduction

Immune checkpoint proteins are regulatory molecules expressed on immune cells (primarily T cells), playing a crucial role in maintaining autoimmune tolerance and regulating immune responses in peripheral tissues. Immune checkpoint proteins include both co-stimulatory and co-inhibitory proteins. These proteins help maintain immune homeostasis by signaling the immune system to activate or suppress its response, ensuring that the immune system does not attack its own tissues while fighting pathogens. The development of antibody drugs targeting immune checkpoint for the treatment of cancer, tumor, autoimmune disease and other diseases is an important means of immunotherapy.



Co-inhibitory Molecules

Molecule	Species	Cat.No.	Product Name	Tag	Package
B7-H3	Human	rp176244	Recombinant Human B7-H3(4Ig)/B7-H3b Protein	His tag	10µg/50µg/100µg/1mg
B7-H4	Human	rp167793	Recombinant Human B7-H4 Protein	C-His tag	10µg/50µg/100µg/1mg
B7-H5	Human	rp181308	Recombinant Human VISTA/B7-H5 Protein	C-His tag	10µg/50µg/100µg/1mg
BTLA	Human	rp143904	Recombinant Human BTLA Protein	C-Fc&His tag	10µg/50µg/100µg/1mg
CD47	Human	rp144028	Recombinant Human CD47 Protein	C-Fc tag	10µg/50µg/100µg/1mg
CD80(B7-1)	Human	rp144120	Recombinant Human B7-1/CD80 Protein	C-His tag	10µg/50µg/100µg/1mg
	Human	rp144122	Recombinant Human CD80 Protein	His-tag	25µg/100µg/1mg
CD86(B7-2)	Human	rp144144	Recombinant Human B7-2/CD86 Protein	C-His tag	10µg/50µg/100µg/1mg
CD96	Human	rp144159	Recombinant Human CD96 Protein	C-His tag	10µg/50µg/100µg/1mg
CTLA-4	Human	rp176276	Recombinant Human CTLA-4 Protein	C-His tag	10µg/50µg/100µg/1mg
LAG-3	Human	rp176292	Recombinant Human LAG-3 Protein	C-His tag	10µg/50µg/100µg/1mg
Nectin-3	Human	rp149161	Recombinant Human Nectin-3 Protein	His tag	10µg/50µg/100µg/1mg
PD-1	Human	rp176241	Recombinant Human PD-1 Protein	C-His tag	10µg/50µg/100µg/1mg
PD-L1	Mouse	rp154493	Recombinant Mouse PD-L1/B7-H1 Protein	C-His tag	10µg/50µg/100µg/1mg
	Human	rp169666	Recombinant Human PD-L1 Protein	C-His tag	10µg/50µg/100µg/1mg
TIGIT	Human	rp152378	Recombinant Human TIGIT Protein	His tag	10µg/50µg/100µg/1mg
TIM-3	Human	rp176703	Recombinant Human TIM-3 Protein	C-His tag	10µg/50µg/100µg/1mg

Co-stimulatory Molecules

Molecule	Species	Cat.No.	Product Name	Tag	Package
4-1BB	Human	rp169624	Recombinant Human 4-1BB/TNFRSF9 Protein	C-His tag	10µg/50µg/100µg/1mg
4-1BB Ligand	Human	rp142386	Recombinant Human 4-1BB Ligand Protein	No tag	5µg/10µg/20µg/50µg/100µg/1mg
	Human	rp169691	Recombinant Human 4-1BB Ligand/TNFSF9 Protein	N-His tag	10µg/50µg/100µg/1mg
B7-1	Human	rp144120	Recombinant Human B7-1/CD80 Protein	C-His tag	10µg/50µg/100µg/1mg
B7-2	Human	rp144144	Recombinant Human B7-2/CD86 Protein	C-His tag	10µg/50µg/100µg/1mg
CD28H	Human	rp152488	Recombinant Human TMIGD2/CD28H Protein	C-His tag	10µg/50µg/100µg/1mg
CD30	Human	rp169577	Recombinant Human CD30/TNFRSF8 Protein	C-His tag	10µg/50µg/100µg/1mg
CD40	Human	rp144000	Recombinant Human CD40 Protein	C-Fc tag	10µg/50µg/100µg/1mg
	Human	rp183577	Recombinant Human CD40/TNFRSF5 Protein	C-His tag	10µg/50µg/100µg/1mg
CD40 Ligand	Human	rp152636	Recombinant Human CD40 Ligand/TNFSF5 Protein	No tag	10µg/50µg/100µg/500µg/1mg
	Human	rp169583	Recombinant Human CD40 Ligand/TNFSF5 Protein	His tag	10µg/50µg/100µg/1mg
	Human	rp189423	Recombinant Human CD40 Ligand/TNFSF5 Protein	N-His tag	10µg/50µg/100µg/1mg
CD48	Human	rp144040	Recombinant human CD48 protein	C-His tag	10µg/50µg/100µg/1mg
ICOS Ligand (B7-H2)	Human	rp147187	Recombinant Human B7-H2 Protein	His tag	10µg/20µg/100µg/200µg/1mg
	Mouse	rp154086	Recombinant Mouse B7-H2 Protein	His	10µg/50µg/100µg/1mg
DNAM-1	Human	rp143887	Recombinant Human DNAM-1/CD226 Protein	C-hFc&His tag	10µg/50µg/100µg/1mg

Others

Molecule	Species	Cat.No.	Product Name	Tag	Package
BTN1A1	Human	rp143415	Recombinant Human BTN1A1/Butyrophilin Protein	C-His tag	10µg/50µg/100µg/1mg
HVEM	Human	rp152533	Recombinant Human HVEM/TNFRSF14 Protein	C-Fc tag	10µg/50µg/100µg/200µg/1mg
LILRB1	Human	rp148284	Recombinant Human LILRB1/CD85j/ILT2 Protein	C-His tag	10µg/50µg/100µg/1mg
Nectin-1	Human	rp150715	Recombinant Human Nectin-1 Protein	Fc & His tag	10µg/50µg/100µg/1mg
Nectin-2	Human	rp149154	Recombinant Human Nectin-2/CD112 Protein	No tag	10µg/50µg/100µg/1mg
Nectin-4	Human	rp183631	Recombinant Human Nectin-4 Protein	C-His tag	10µg/50µg/100µg/1mg
SLAMF2 (CD48)	Human	rp144040	Recombinant human CD48 protein	C-His tag	10µg/50µg/100µg/1mg
SLAMF7	Human	rp181619	Recombinant Human SLAMF7/CRACC Protein	C-His tag	10µg/50µg/100µg/1mg

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