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Product Sheet

Rat OX40 Protein; hFc Tag

GM-89068RP-100 / 100 μg
GM-89068RP-1000 / 1 mg

Product Information

Product Name	Rat OX40 Protein; hFc Tag
Source	Rat OX40 Protein; hFc Tag (GM-89068RP) is expressed from human 293 cells (HEK-293). It contains AA Val 20 - Pro 211 (Accession # P15725). This protein carries a hFc tag at the C-terminus.
Predicted MW	47.0 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Storage	Store at ≤ -70℃, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	TNFRSF4, OX40, CD134, OX40L receptor, ACT35, TXGP1L
Background	OX40 (CD134, TNFRSF4) is a type I transmembrane co-stimulatory receptor of the tumor necrosis factor receptor superfamily, transiently induced on $CD4^+$ and $CD8^+$ T cells after T-cell receptor engagement and constitutively present on regulatory T cells. Its ligand OX40L (CD252), expressed on antigen-presenting cells, trimerizes and clusters the receptor, recruiting TRAF2 and TRAF5 to activate NF-κB, PI3K–AKT and MAPK signaling, a response constrained by TRAF3. OX40 signaling sustains survival through Bcl-2 and Bcl-xL, drives proliferation, cytokine production and memory T-cell formation, and restrains Treg-mediated suppression. Agonist antibodies are being developed to enhance antitumor immunity, alone or with checkpoint blockade, whereas OX40 blockade is being explored in autoimmune and allergic disease.

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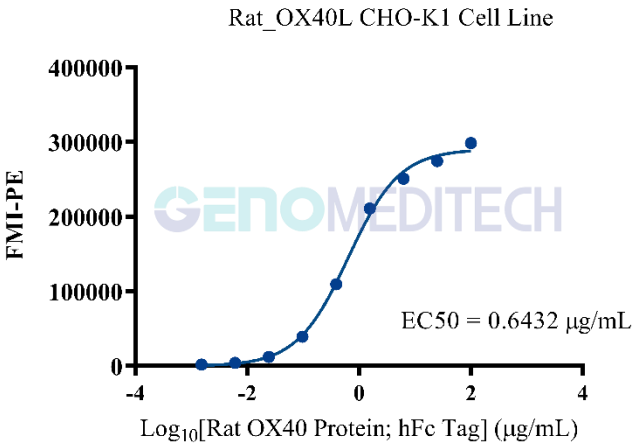
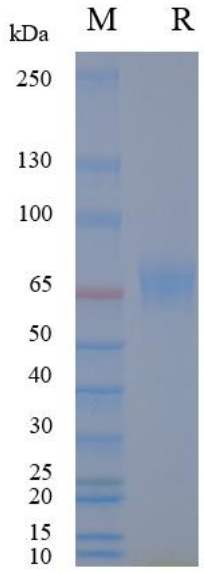
Data

Affinity



A concentration gradient of Rat OX40 Protein; hFc Tag (Catalog # GM-89068RP) was added to the Rat_OX40L CHO-K1 Cell Line (Catalog # GM-C36288), and binding was detected by flow cytometry.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

OX40:OX40L	
H_OX40 Reporter Cell Line	H_OX40 Reporter DDX35TM Cell Line
Cynomolgus_OX40 HEK-293 Cell Line	Cynomolgus_OX40L CHO-K1 Cell Line
H_OX40 CHO-K1 Cell Line	H_OX40L CHO-K1 Cell Line
H_OX40L HEK-293 Cell Line	Mouse_OX40L CHO-K1 Cell Line
Rat_OX40L CHO-K1 Cell Line	

Anti-H_OX40 hIgG2 Antibody(Ivuxolimab)	Anti-OX40L hIgG1 Reference Antibody(Oxebio)
Anti-OX40L hIgG4 Antibody(Amlitelimab)	Anti-OX40L hIgG4 Reference Antibody(Amlbio)
Biotinylated Human OX40L Protein; His-Avi Tag	Cynomolgus OX40 Protein; His Tag
Cynomolgus OX40L Protein; His Tag	Cynomolgus OX40L Protein; mFc Tag
Human OX40 Protein; hFc Tag	Human OX40 Protein; His Tag
Human OX40L Protein; His Tag	Human OX40L Protein; mFc Tag
IL-4/IL-13	
IL-4 Reporter Cell Line	IL-4/IL-13 Reporter 293 Cell Line
IL-4/IL-13 Reporter 293 DDX35TM Cell Line	Cynomolgus_IL4R CHO-K1 Cell Line
H_IL4R CHO-K1 Cell Line	H_IL4R CHO-K1 Cell Line (Low Expression)
H_IL4R HEK-293 Cell Line	Mouse_IL4R CHO-K1 Cell Line
Anti-IL13 hIgG4 Reference Antibody (Lebribio)	Anti-IL-4R hIgG1 Antibody(12B5)
Anti-IL4R hIgG4 Antibody(Dupilumab)	Anti-IL4R hIgG4 Reference Antibody (Dupbio)
Anti-IL-4R×IL31 hIgG4 Reference Antibody (PRO2198)	Anti-Lebrikizumab mIgG2a Antibody (1A11)
Anti-Lebrikizumab mIgG2a Antibody (3E5)	Anti-Lebrikizumab mIgG2a Antibody (6B2)
Anti-Mouse IL-4RA mIgG1 Antibody	Biotinylated Anti-Lebrikizumab mIgG2a Antibody (11H8)
Biotinylated Human IL-4R alpha Protein; Avi-His Tag	Cynomolgus IL-13 Protein; His Tag
Cynomolgus IL-13RA1 Protein; hFc Tag	Cynomolgus IL-13RA1 Protein; His Tag
Cynomolgus IL-4 Protein; His Tag	Cynomolgus IL-4R alpha Protein; His Tag
Human IL-13 Protein; His Tag	Human IL-13RA1 Protein; hFc Tag
Human IL-13RA1 Protein; His Tag	Human IL-4 Protein; His Tag
Human IL-4R alpha Protein; hFc Tag	Human IL-4R alpha Protein; His Tag
Human IL-4R alpha Protein; mFc Tag	Mouse IL-13 Protein; His Tag
Mouse IL-4R alpha Protein; His Tag	Rat IL-4R alpha Protein; His Tag
IL-31	
Cynomolgus_IL-31RA OSMR Reporter Baf3 Cell Line	H_IL-31 Reporter Cell Line
H_IL-31 Reporter DDX35TM Cell Line	Cynomolgus_IL31RA CHO-K1 Cell Line
H_IL31RA CHO-K1 Cell Line	H_IL31RA HEK-293 Cell Line
H_IL-31RA OSMR Baf3 Cell Line	H_IL-31RA OSMR CHO-K1 Cell Line
Anti-IL31 hIgG1 Antibody(mAb33)	Anti-IL-31 hIgG4 Reference Antibody (BMS-981164)
Anti-IL31RA hIgG1 Antibody(NA633)	Anti-IL31RA hIgG2 Antibody(Nemolizumab)
Anti-IL31RA hIgG2 Reference Antibody (Nemobio)	Anti-IL-4R×IL31 hIgG4 Reference Antibody (PRO2198)
Anti-OSMR hIgG4 Antibody(Vixarelimab)	Anti-OSMR hIgG4 Reference Antibody (Vixabio)
Cynomolgus IL-31 Protein; His Tag	Cynomolgus IL-31RA Protein; hFc Tag
Human IL-31 Protein; hFc Tag	Human IL-31 Protein; His Tag
Human IL-31RA Protein; hFc Tag	
MRGPRX2	
H_MRGPRX2 Gq Reporter CHO-K1 Cell Line	H_MRGPRX2 Gqi5 Reporter CHO-K1 Cell Line
Tango-H_MRGPRX2 CHO-K1 Cell Line	Cynomolgus_MRGPRX2 CHO-K1 Cell Line
Cynomolgus_MRGPRX2 HEK-293 Cell Line	Flag-Mouse_Mrgprb2 CHO-K1 Cell Line

Flag-Rat_Mrgprb3 HEK-293 Cell Line	H_MRGPRX2 CHO-K1 Cell Line
H_MRGPRX2 HEK-293 Cell Line	H_MRGPRX2 HMC-1 Cell Line
H_MRGPRX2 RBL-2H3 Cell Line	
STAT6	
H_IL4R STAT6-HiBiT-KI LgBiT Jurkat Cell Line	

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