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Product Sheet

Human TrkA Protein; His Tag

GM-89100RP-100 / 100 μg
GM-89100RP-1000 / 1 mg

Product Information

Product Name	Human TrkA Protein; His Tag
Source	Human TrkA Protein; His Tag (GM-89100RP) is expressed from human 293 cells (HEK-293). It contains AA Ala 33 - Gly 423 (Accession # P04629).This protein carries a His tag at the C-terminus.
Predicted MW	43.2 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	NTRK1, MTC, TRK, TRKA, Trk-A
Background	Tropomyosin-related kinase A (TrkA) is a member of the neurotrophic tyrosine kinase receptor family (NTRK1), which signals through association with nerve growth factor (NGF). TrkA functions as a high-affinity receptor for NGF and is expressed on sensory neurons, mast cells, and enteric glial cells. These proteins are significantly upregulated in inflamed intestinal tissues, and their pathogenetic importance for inflammatory bowel disease (IBD) is suggested by accumulating evidence. NGF/TrkA signaling induces costimulatory signals to activated lymphocytes, including gut-specific populations of CD4+ T cells, affecting sensory and inflammatory pathways and inducing the mucosal upregulation of neuropeptides and proinflammatory cytokines.

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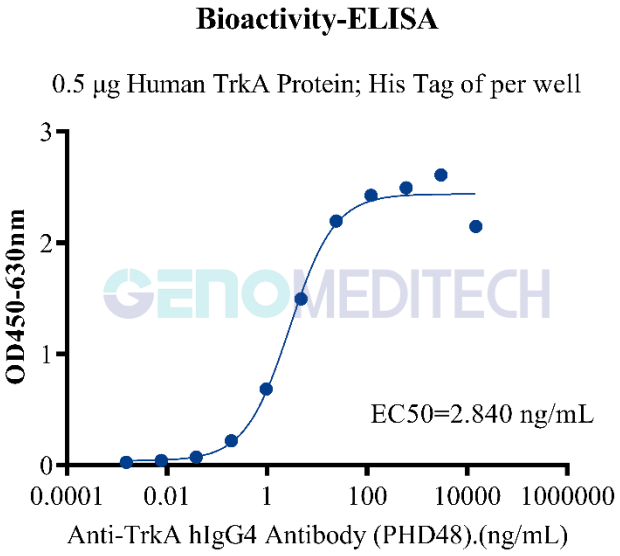
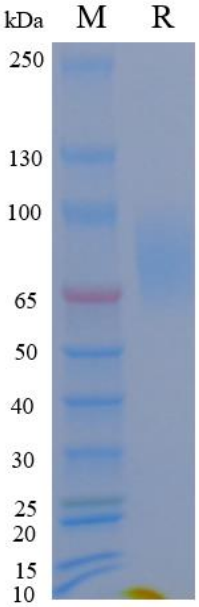
Data

Affinity



Human TrkA Protein; His Tag (Catalog # GM-89100RP) was immobilized at 5 μg/ml (100 μL/well). Increasing concentrations of Anti-TrkA hIgG4 Antibody (PHD48) (Catalog # GM-89074AB) were added.

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

TRKB	
H_TrkB Reporter CHO-K1 Cell Line	
Anti-TrkB hIgG4 Antibody (H4H9816P2)	
c-Kit:SCF	

H_c-Kit(CD117) GNNK(-) 293 Blockade Reporter Cell Line	Cynomolgus_c-Kit(CD117) GNNK(-) CHO-K1 Cell Line
H_c-Kit(CD117) GNNK(-) CHO-K1 Cell Line	H_c-Kit(CD117) GNNK(-) HEK-293 Cell Line
H_c-Kit(CD117) GNNK(+) CHO-K1 Cell Line	H_KITLG(SCF220) CHO-K1 Cell Line
H_KITLG(SCF248) CHO-K1 Cell Line	H_KITLG(SCF248) HEK-293 Cell Line
Anti-c-Kit(CD117) hIgG1 Antibody(barzolvolimab)	Anti-c-Kit(CD117) hIgG1 Antibody(briquilimab)
Anti-c-Kit(CD117) hIgG1 Reference Antibody (Bribio)	Anti-c-Kit(CD117) hIgG1 Reference Antibody(barbio)
Anti-SCF248 hIgG4 Antibody(5H10)	
Biotinylated Human c-Kit(CD117) Protein; His-Avi Tag	Biotinylated Human SCF Protein; His-Avi Tag
Cynomolgus c-Kit(CD117) Protein; His Tag	Human c-Kit(CD117) D4-D5 Protein; His Tag
Human c-Kit(CD117) Protein; hFc Tag	Human c-Kit(CD117) Protein; His Tag
Human SCF Protein; His Tag	Human SCF Protein; mFc Tag
Mouse SCF Protein; His Tag	
TRKA	
H_TrkA HEK-293 Cell Line	
Anti-TrkA hIgG4 Antibody (PHD48)	
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	
IGHE(FcεRIα)	
FcεRIα Reporter RBL-2H3 Cell Line	Membrane IgE(mIgE) HEK-293 Cell Line
Anti-FcεRI hIgG1 Antibody (1E7)	Anti-IGHE hIgG1 Reference Antibody(Omalbio)
Biotinylated Human IgE D2-D4 Protein; His-Avi Tag	Cynomolgus IgE D2-D4 Protein; His Tag
Human FCER1A Protein; His Tag	Human FCER2(CD23) Protein; His Tag
Human IgE D2-D4 Protein; His Tag	

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