Genomeditech (Shanghai) Co., Ltd.
Order: +86 021-50432825/50432826
Email: service@genomeditech.com

Product Sheet

Human TL1A Protein; hFc Tag

GM-88599RP-100 / 100 μg
GM-88599RP-1000 / 1 mg

Product Information

Product Name	Human TL1A Protein; hFc Tag
Source	Human TL1A Protein; hFc Tag (GM-88599RP) is expressed from human 293 cells (HEK-293). It contains AA Leu 72 - Leu 251 (Accession # O95150-1). This protein carries a hFc tag at the N-terminus.
Predicted MW	47.2 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	TNFSF15, VEGI, TL1, TNLG1B, VEGI192A
Background	Tumor necrosis factor (TNF)-like cytokine 1A (TL1A) is a member of the TNF superfamily of proteins (TNFSF15), which signals through association with death domain receptor 3 (DR3). Decoy receptor 3 (DcR3) competes with DR3 for TL1A binding and inhibits functional signaling. These proteins are significantly upregulated in inflamed intestinal tissues, and their pathogenetic importance for inflammatory bowel disease (IBD) is suggested by accumulating evidence. TL1A/DR3 induce costimulatory signals to activated lymphocytes, including the gut-specific populations of CD4+CD161+ and CD4+CCR9+ cells, affecting all major effector pathways and inducing the mucosal upregulation of Th1, Th2, and Th17 factors.

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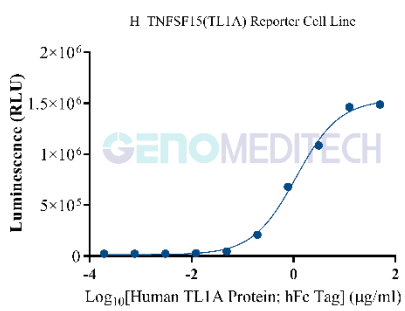
Data

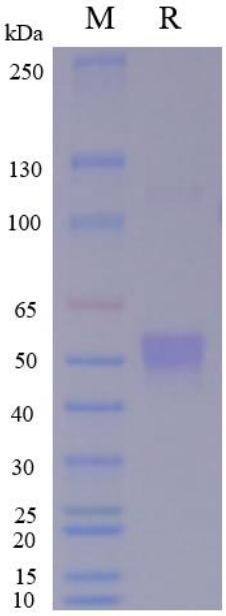
Biological Activity



	EC50
GM-88599RP	1.128

Human TL1A Protein; hFc Tag (Catalog # GM-88599RP) was added into H_TNFSF15(TL1A) Reporter Cell Line (Catalog # GM-C30289) and stimulates related signals.

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

IL-23	
H_IL-23 Reporter 293 Cell Line	H_IL-23 Reporter 293 DDX35TM Cell Line
Cynomolgus_IL-23R HEK-293 Cell Line	H_IL-23R HEK-293 Cell Line
H_IL-23R IL12RB1 HEK-293 Cell Line	Membrane bound H_IL-23 CHO-K1 Cell Line
Anti-IL23A hIgG1 Reference Antibody (Gusebio)	Anti-IL23A hIgG1 Reference Antibody (Risbio)
Anti-IL-23R hIgG1 Antibody(5D4)	
Biotinylated Human IL-23A&IL-12B Heterodimer Protein; His-Avi Tag	Cynomolgus IL-23A & Human IL-12B Heterodimer Protein; His Tag
Cynomolgus IL-23A & Mouse IL-12B Heterodimer Protein; His Tag	Cynomolgus IL-23R Protein; hFc Tag
Human IL-23A & Mouse IL-12B Heterodimer Protein; His Tag	Human IL-23A&IL-12B Heterodimer Protein; His Tag

Human IL-23R Protein; hFc Tag	Human IL-23R Protein; His Tag
Mouse IL-23A&IL-12B Heterodimer Protein; His Tag	
TNF:TNFR2:TNFR1	
H_TNFR2 Null Reporter Cell Line	H_TNFR2 Reporter Jurkat Cell Line
H_TNFR2 Reporter V2 Cell Line	Cynomolgus_TNFRSF1B(TNFR2) CHO-K1 Cell Line
H_TNFR1 CHO-K1 Cell Line	H_TNFRSF1B(TNFR2) CHO-K1 Cell Line
H_TNFRSF1B(TNFR2) HEK-293 Cell Line	Membrane Bound H_TNFα CHO-K1 Cell Line
Membrane Bound H_TNFα(cleavage-resistant) CHO-K1 Cell Line	
Anti-H_TNFRSF1B(TNFR2) hIgG1 Antibody(UC2.3.8)	Anti-TNFR1 hIgG1 Antibody(Atrosab)
Anti-TNF-α hIgG1 Reference Antibody (Adabio)	
Cynomolgus TNF alpha Protein; His Tag	Cynomolgus TNFR2 Protein; His Tag
Human TNF alpha Protein; hFc Tag	Human TNF alpha Protein; His Tag
Human TNFR1 Protein; hFc Tag	Human TNFR1 Protein; His Tag
Human TNFR2 Protein; hFc Tag	Human TNFR2 Protein; His Tag
TL1A:DR3(TNFRSF25)	
H_TNFRSF25(DR3) Reporter Jurkat Cell Line	H_TNFSF15(TL1A) Reporter Cell Line
Mouse_TNFRSF25(DR3) Reporter Jurkat Cell Line	Cynomolgus_TNFRSF25(DR3) CHO-K1 Cell Line
Cynomolgus_TNFSF15(TL1A) HEK-293 Cell Line	H_TNFRSF25(DR3) CHO-K1 Cell Line
H_TNFRSF25(DR3) HEK-293 Cell Line	H_TNFSF15(TL1A) CHO-K1 Cell Line
H_TNFSF15(TL1A) HEK-293 Cell Line	Mouse_TNFSF15(TL1A) HEK-293 Cell Line
Anti-H_TNFSF15(TL1A) hIgG1 Antibody(PF-06480605)	Anti-H_TNFSF15(TL1A) hIgG1 Antibody(Tulisokibart、PRA-023)
Anti-H_TNFSF15(TL1A) hIgG4 Antibody	Anti-TL1A hIgG1 Reference Antibody (Duvbio)
Anti-TL1A hIgG1 Reference Antibody (Tulbio)	Anti-TNFRSF25(DR3) hIgG1 Antibody(PTX-35)
Biotinylated Cynomolgus TL1A Protein; His-Avi Tag	Biotinylated Human TL1A Protein; His-Avi Tag
Cynomolgus TL1A Protein; His Tag	Human TL1A Protein; His Tag
Human TL1A Protein; His Tag (Trimer Design)	
ITGA4 ITGB7	
H_ITGB7 CHO-K1 Cell Line	H_ITGB7 HEK-293 Cell Line
H_MADCAM1 CHO-K1 Cell Line	H_MADCAM1 HEK-293 Cell Line
H_α4β7 CHO-K1 Cell Line	H_α4β7 HEK-293 Cell Line
H_αEβ7 CHO-K1 Cell Line	H_αEβ7 HEK-293 Cell Line
H_αEβ7 K562 Cell Line	
Anti-Integrin α4β7 hIgG1 Reference Antibody (Vedobio)	