

Biotinylated Human TL1A Protein; His-Avi Tag

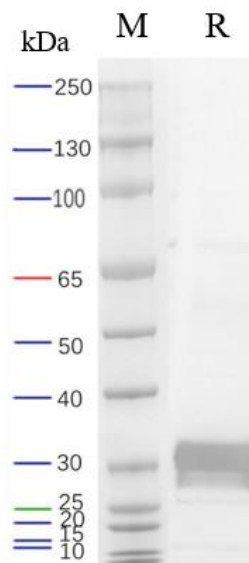
Product Information

Product Name	Biotinylated Human TL1A Protein; His-Avi Tag
Storage temp.	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-87519RP-25 / 25 μg GM-87519RP-200 / 200 μg

Protein Information

Alternative Names	VEGI, TNFSF15
Source	Biotinylated Human TL1A Protein; His-Avi Tag (GM-87519RP) is expressed from human 293 cells (HEK-293). It contains AA Leu 72 - Leu 251 (Accession #O95150-1). This protein carries a His-Avi tag at the N-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	22.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Description	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.

SDS-PAGE

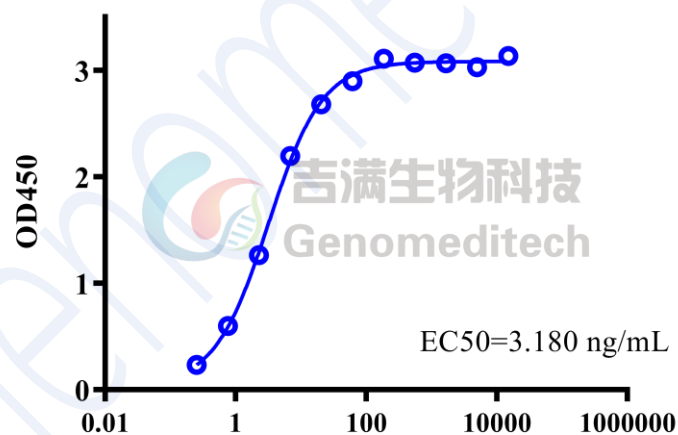


On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Bioactivity-ELISA

Bioactivity-ELISA

0.1 μ g Biotinylated Human TL1A Protein; His-Avi Tag of per well



Anti-H_TNFSF15(TL1A) hIgG1 Antibody(Tulisokibart、PRA-023).(ng/mL)

Biotinylated Human TL1A Protein; His-Avi Tag (Catalog # GM-87519RP) was immobilized at 1 μ g/ml (100 μ L/well) on streptavidin precoated. Increasing concentrations of Anti-H_TNFSF15(TL1A) hIgG1 Antibody (Tulisokibart、PRA-023) (Catalog # GM-58915AB) were added.