

Cynomolgus LTBR(TNFR3) Protein; His Tag

Product Information

Product Name	Cynomolgus LTBR(TNFR3) Protein; His 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-88960RP-100 / 100 μg GM-88960RP-1000 / 1 mg

Protein Information

Alternative Names	D12S370, TNFCR, TNFR3, TNFRSF3, TNFRIII
Source	Cynomolgus LTBR(TNFR3) Protein; His Tag (GM-88960RP) is expressed from human 293 cells (HEK-293). It contains AA Ser 28 - Thr 229 (Accession # A0A2K5VGQ6). This protein carries a His tag at the C-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	23.1 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	Lymphotoxin β receptor (LT β R; TNFRSF3), encoded by the LTBR gene at chromosome 12p13.31, is a type I transmembrane glycoprotein of the tumor necrosis factor receptor superfamily with four cysteine-rich domains in its ectodomain. As the receptor for the membrane-anchored lymphotoxin $\alpha 1\beta 2$ heterotrimer and TNFSF14 (LIGHT), LT β R is predominantly expressed on stromal and epithelial cells but not lymphocytes; structural studies have resolved the ligand–receptor interface and the cytoplasmic TRAF-binding motif. Upon ligation, LT β R activates canonical and non-canonical NF- κ B signaling, regulating lymphoid organ development, immune responses, lipid metabolism and apoptosis, whereas dysregulated LT β R signaling has been implicated in tumorigenesis.

Figures

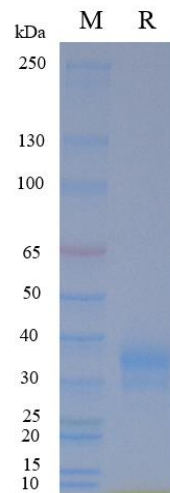


Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

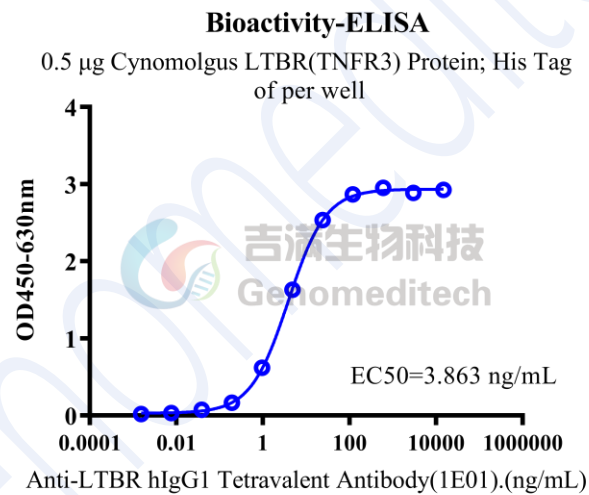


Figure 2 | Cynomolgus LTBR(TNFR3) Protein; His Tag (Catalog # GM-88960RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Anti-LTBR hIgG1 Tetraivalent Antibody(1E01) (Catalog # GM-88009AB) were added.

Related Products

BTLA:HVEM:LIGHT	
H_BT LA PD-1 Reporter Cell Line	H_BT LA Reporter Cell Line
H_HVEM aAPC CHO-K1 Cell Line	H_HVEM PD-L1 aAPC CHO-K1 Cell Line
H_HVEM Reporter Jurkat Cell Line	Cynomolgus_BT LA HEK-293 Cell Line
H_BT LA CHO-K1 Cell Line	H_BT LA HEK-293 Cell Line
H_LIGHT(TNFSF14) CHO-K1 Cell Line	H_TNFSF14(HVEM) CHO-K1 Cell Line
Anti-BT LA hIgG4 Antibody(22B3)	Anti-BT LA hIgG4 Antibody(Icatolimab)
Anti-TNFSF14(HVEM) hIgG4 Antibody	Anti-TNFSF14 hIgG4 Antibody
Human BT LA Protein; His Tag	