

Active Recombinant Monkey TNFSF15 Protein, His-tagged

Cat. No. TNFSF15-11157M Lot. No. (See product label)

SPECIFICATION

Product Overview	Cynomolgus/Rhesus macaque TL1A/TNFSF15, His Tag is expressed from human 293 cells (HEK293). It contains AA Leu 72 - Leu 251 (Accession # F6S8F9-1). This protein carries a polyhistidine tag at the N-terminus. Predicted N-terminus: His. The protein is designed as a trimer.
Species	Monkey
Source	HEK293
ProteinLength	72-251 aa
Description	TNF-like cytokine 1A (TL1A) and its receptors, death receptor 3 (DR3) and decoy receptor 3 (DcR3) are members of the TNF and TNF receptor superfamilies of proteins, respectively. Binding of APC-derived TL1A to lymphocytic DR3 provides co-stimulatory signals for activated lymphocytes. DR3 signaling affects not only the proliferative activity of and cytokine production by effector lymphocytes, but also critically influences the development and suppressive function of regulatory T-cells. Whereas, DcR3 restricts the function of the TL1A/DR3 complex: attenuating T-cell activation and downregulating the secretion of pro-inflammatory cytokines. Together with DR3 and DcR3, TL1A constitutes a cytokine system that actively interferes with the regulation of immune responses.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus/Rhesus macaque TL1A/TNFSF15, His Tag at 5

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	μg/mL (100 μL/well) can bind Human DcR3, Fc Tag with a linear range of 0.2-10 ng/mL.
Molecular Mass	The protein has a calculated MW of 22.3 kDa. The protein migrates as 27-28 kDa and 29-31 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.01 EU/μg by the LAL method/rFC method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNFSF15 tumor necrosis factor (ligand) superfamily, member 15 [<i>Macaca mulatta</i>]
Official Symbol	TNFSF15
Synonyms	TNFSF15; tumor necrosis factor (ligand) superfamily, member 15; tumor necrosis factor ligand superfamily member 15; Vascular endothelial cell growth inhibitor;
Gene ID	703189

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

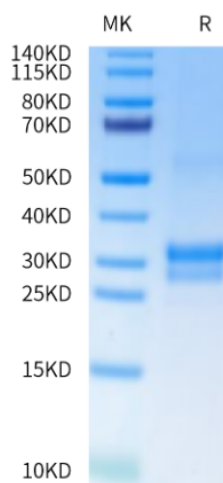
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM_001194132](#)

Protein Refseq [NP_001181061](#)

UniProt ID [F6S8F9](#)

SDS-PAGE.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA