

Human TNFSF15 Trimer Protein

HA210023



Product name:	Human TNFSF15 Trimer Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human TNFSF15 Trimer Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus.; It contains Asp91-Leu251.[Accession O95150-1]
Background:	TNF superfamily member 15 (TNFSF15), a cytokine largely produced by vascular endothelial cells and a specific inhibitor of the proliferation of these same cells, can inhibit VEGF-induced vascular permeability in vitro and in vivo, and that death receptor 3 (DR3), a cell surface receptor of TNFSF15, mediates TNFSF15-induced dephosphorylation of VEGFR2.
Purity:	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin:	Less than 1 EU per µg by the LAL method.
Source:	HEK293
Accession:	O95150-1
Predicted molecular mass:	The protein has a predicted MW of 58.2 kDa. Due to glycosylation, the protein migrates to 65-75 kDa based on Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt; -80°C for 3-6 months after reconstitution.; 2-8°C for 2-7 days after reconstitution; Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

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Technical:0086-571-89986345

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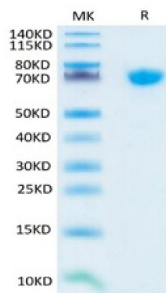


Fig1: Recombinant Human TNFSF15 trimer Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

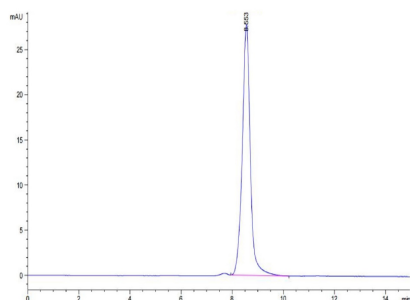


Fig2: The purity of Human TNFSF15 Trimer is greater than 95% as determined by SEC-HPLC.

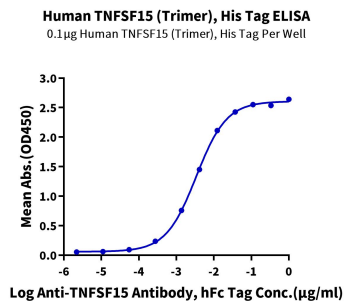


Fig3: Immobilized Human TNFSF15 Trimer, His Tag at 1 μg/ml (100 μl/Well) on the plate. Dose response curve for Anti-TNFSF15 Antibody, hFc Tag with the EC50 of 3.4 ng/ml determined by ELISA (QC Test).

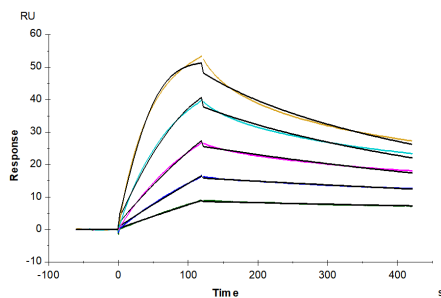


Fig4: Mouse DR3, His Tag immobilized on CM5 Chip can bind Human TNFSF15 (Trimer) , His Tag with an affinity constant of 3.06 nM as determined in SPR assay (Biacore T200).

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation