

Human TNFR2/CD120b/TNFRSF1B Protein

HA210176



Product name:	Human TNFR2/CD120b/TNFRSF1B Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human TNFR2/CD120b/TNFRSF1B Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu23-Asp257.[Accession P20333-1]
Background:	Tumor Necrosis Factor Receptor II (TNF RII), also known as TNFRSF1B, p75/p80, and CD120b, is a type I transmembrane protein that belongs to the TNF receptor superfamily. It has a molecular weight of approximately 75 kDa. Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	P20333-1
Predicted molecular mass:	The protein has a predicted MW of 26.2 kDa. Due to glycosylation, the protein migrates to 48-60 kDa based on Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22µm 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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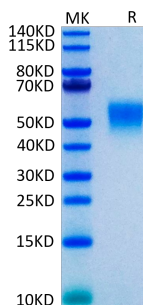


Fig1: Human TNFR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

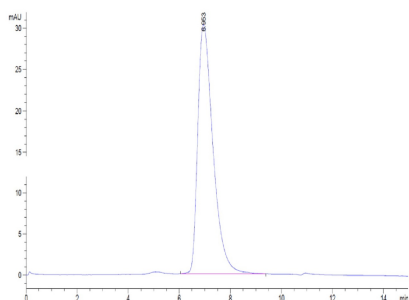


Fig2: The purity of Human TNFR2 is greater than 95% as determined by SEC-HPLC.

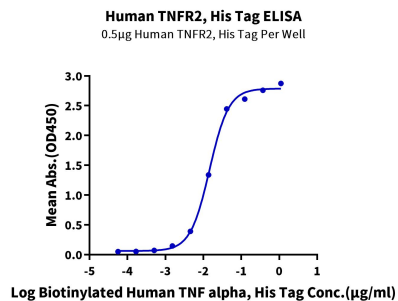


Fig3: Immobilized Human TNFR2, His Tag at 5µg/ml (100µl/Well). Dose response curve for Biotinylated Human TNF alpha, His Tag with the EC50 of 14.6ng/ml determined by ELISA (QC Test).

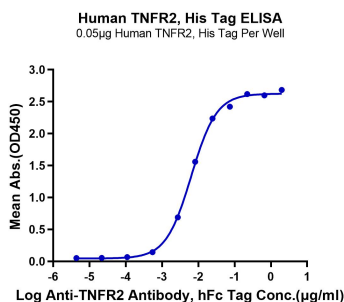


Fig4: Immobilized Human TNFR2, His Tag at 0.5µg/ml (100µl/Well). Dose response curve for Anti-TNFR2 Antibody, hFc Tag with the EC50 of 6.4ng/ml determined by ELISA.

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