

## Recombinant Human TNFSF10 protein, His-Flag-tagged

Cat. No. TNFSF10-6855H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF10 protein(P50591-1)(Gly118-Gly281), fused with N-terminal His-Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly118-Gly281
<b>Tag</b>	N-His-Flag
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human TRAIL R2, His Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Anti-TRAIL R2 Antibody, hFc Tag with the EC50 of 3.4ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 60 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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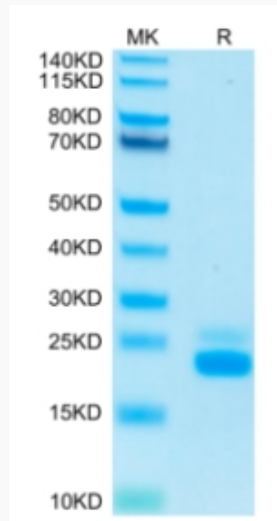
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFSF10 tumor necrosis factor (ligand) superfamily, member 10 [ Homo sapiens ]
<b>Official Symbol</b>	TNFSF10
<b>Synonyms</b>	TNFSF10; tumor necrosis factor (ligand) superfamily, member 10; tumor necrosis factor ligand superfamily member 10; Apo 2L; CD253; TL2; TRAIL; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family, member 10; chemokine tumor necrosis factor ligand superfamily member 10; tumor necrosis factor apoptosis-inducing ligand splice variant delta; APO2L; Apo-2L;
<b>Gene ID</b>	8743
<b>mRNA Refseq</b>	NM_001190942
<b>Protein Refseq</b>	NP_001177871
<b>MIM</b>	603598
<b>UniProt ID</b>	P50591

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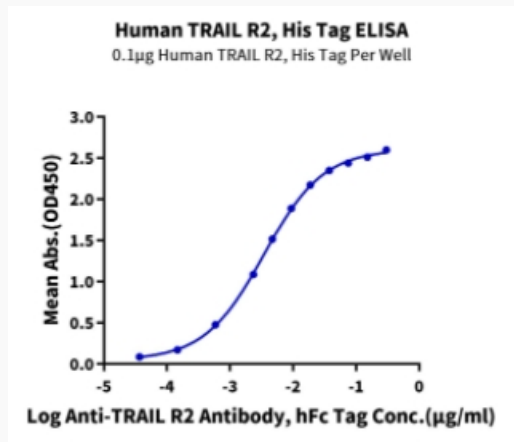
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**Tris-Bis PAGE**



**ELISA Data**



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