

# Active Recombinant Human TNFRSF8 protein, Fc-His-tagged

Cat. No. TNFRSF8-642H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human TNFRSF8 protein(NP_001234.2)(Met 1-Lys 379) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-379 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized recombinant human CD30L at 20 µg/ml (100 µl/well) can bind biotinylated human CD30 with a linear range of 0.31-20 ng/ml.
<b>Molecular Mass</b>	The recombinant human TNFRSF8/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 609 amino acids and has a predicted molecular mass of 66.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTNFRSF8/Fc monomer is approximately 130 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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**Storage** Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. 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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** TNFRSF8 tumor necrosis factor receptor superfamily, member 8 [ Homo sapiens ]

**Official Symbol** TNFRSF8

**Synonyms** TNFRSF8; tumor necrosis factor receptor superfamily, member 8; CD30, D1S166E; tumor necrosis factor receptor superfamily member 8; KI 1; Ki-1 antigen; CD30L receptor; cytokine receptor CD30; lymphocyte activation antigen CD30; CD30; Ki-1; D1S166E;

**Gene ID** 943

**mRNA Refseq** NM\_001243

**Protein Refseq** NP\_001234

**MIM** 153243

**UniProt ID** P28908

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