Active Recombinant Human TNFRSF8 Protein, His & hFc-tagged

Cat. No. TNFRSF8-973H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF8 Protein(NP_001234.2)(Met 1-Lys 379), fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1-Lys 379
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD30L-hFc at 2 μg/ml (100 μl/well) can bind human CD30/TNFRSF8-Fch, the EC50 of human CD30/TNFRSF8-Fch is 10-50 ng/mL.
Molecular Mass	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.

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Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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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