

# Active Recombinant Human TNFRSF8 protein, His-tagged

**Cat. No.** TNFRSF8-563H    **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 a polyhistidine tag 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 CD30 at 2 µg/ml (100 µl/well) can bind human CD30L Fc Chimera with a linear range of 6.4-800 ng/ml.                                                          |
| <b>Molecular Mass</b>   | The secreted recombinant human TNFRSF8 consists of 372 amino acids and has a predicted molecular mass of 40 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTNFRSF8 is approximately 75-90 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                   |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to                                                                                                                                                                  |

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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

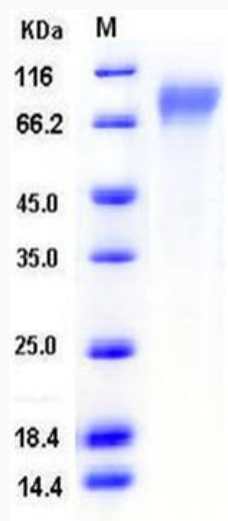
**MIM** 153243

**UniProt ID** P28908

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**SDS-PAGE**

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