

# Recombinant Human TNFRSF10D protein(Met1-His211), His-tagged

**Cat. No.** TNFRSF10D-3169H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNFRSF10D (NP_003831.2) (Met 1-His 211) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-211 a.a.                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                               |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF10D at 10 µg/ml (100 µl/well) can bind biotinylated TNFSF10 with a linear range of 0.625-40 ng/ml.                                                                                                            |
| <b>Molecular Mass</b>   | The recombinant human TNFRSF10D consists of 167 amino acids after removal of the signal peptide and has a predicted a molecular mass of 18.4 kDa. As a result of glycosylation, the apparent molecular mass of rhTNFRSF10D is approximately 30-40 kDa in SDS-PAGE under reducing conditions. |
| <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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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | 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.                                                                                                                                                                            |
| <b>Reconstitution</b>   | 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.                                                                                                                                                                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>        | TNFRSF10D tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain [ Homo sapiens ]                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>  | TNFRSF10D                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | TNFRSF10D; tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain; tumor necrosis factor receptor superfamily member 10D; CD264; DcR2; TRAILR4; TRUNDD; TRAIL receptor 4; decoy receptor 2; decoy with truncated death domain; TNF receptor-related receptor for TRAIL; TRAIL receptor with a truncated death domain; TNF-related apoptosis-inducing ligand receptor 4; DCR2; TRAIL-R4; |
| <b>Gene ID</b>          | 8793                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_003840                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>   | NP_003831                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>              | 603614                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | Q9UBN6                                                                                                                                                                                                                                                                                                                                                                                                                     |

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