

## 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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**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** TNFRSF10D tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain [ Homo sapiens ]

**Official Symbol** TNFRSF10D

**Synonyms** 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;

**Gene ID** 8793

**mRNA Refseq** NM\_003840

**Protein Refseq** NP\_003831

**MIM** 603614

**UniProt ID** Q9UBN6

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