

Active Recombinant Human TNFRSF14 protein, His-tagged

Cat. No. TNFRSF14-2171H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF14 protein(NP_003811.2)(Met1-Val202), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Val202
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized recombinant Human HVEM-His at 10 µg/ml (100 µl/well) can bind human BTLA-Fc with a linear range of 1.28-20 µg/ml.
Molecular Mass	The recombinant human TNFRSF14 consists of 177 amino acids and predicts a molecular mass of 19 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of human TNFRSF14 is approximately 33-38 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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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	TNFRSF14 tumor necrosis factor receptor superfamily, member 14 [Homo sapiens]
Official Symbol	TNFRSF14
Synonyms	TNFRSF14; tumor necrosis factor receptor superfamily, member 14; tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator); tumor necrosis factor receptor superfamily member 14; ATAR; CD270; herpesvirus entry mediator; HVEA; HVEM; LIGHTR; TR2; CD40-like protein; herpesvirus entry mediator A; herpes virus entry mediator A; tumor necrosis factor receptor-like 2; tumor necrosis factor receptor-like gene2;
Gene ID	8764
mRNA Refseq	NM_003820
Protein Refseq	NP_003811
MIM	602746
UniProt ID	Q92956