

# Active Recombinant Human TNFSF9 protein, His-Flag-tagged

Cat. No. TNFSF9-117H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF9 protein(Arg 71 - Glu 254), fused with His-Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg 71 - Glu 254
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human 4-1BB Ligand (71-254) Protein, His,Flag Tag at 2 µg/mL (100 µL/well) can bind Human 4-1BB, Fc Tag with a linear range of 0.2-3 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminus, followed by a flag tagThe protein has a calculated MW of 62.8 kDa. The protein migrates as 55-60 kDa under non-reducing (NR) condition (SDS-PAGE).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

**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** TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [ Homo sapiens ]

**Official Symbol** TNFSF9

**Synonyms**

TNFSF9; tumor necrosis factor (ligand) superfamily, member 9; tumor necrosis factor ligand superfamily member 9; 4 1BB L; homolog of mouse 4 1BB L; receptor 4 1BB ligand; 4-1BBL; 4-1BB ligand; receptor 4-1BB ligand; homolog of mouse 4-1BB-L; CD137L; 4-1BB-L;

**Gene ID** 8744

**mRNA Refseq** NM\_003811

**Protein Refseq** NP\_003802

**MIM** 606182

**UniProt ID** P41273

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