

## Active GMP Recombinant Human TNFRSF9 protein

Cat. No. TNFRSF9-098HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human TNFRSF9 protein(NP_001552)(162 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human 4-1BB(UniProtKB/Swiss-Prot: Q07011.1) was expressed with His tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	The concentration of immobilized Human 4-1BB ligand(Fc tag) is 1ug/mL (100uL/well), and the linear binding range that can bind to human 4-1BB (His tag) is 0.2-10 ng/mL.
<b>Molecular Mass</b>	Human 4-1BB Protein contains 162 aa. It has a predicted MW of 19 kDa.
<b>Endotoxin</b>	<0.1EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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**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** TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [ Homo sapiens ]

**Official Symbol** TNFRSF9

**Synonyms** TNFRSF9; 4-1BB; CD137; CDw137; ILA

**Gene ID** 3604

**mRNA Refseq** NM\_001561

**Protein Refseq** NP\_001552

**MIM** 602250

**UniProt ID** Q07011

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