

Active GMP Recombinant Human TNFRSF9 protein

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human 4-1BB(UniProtKB/Swiss-Prot: Q07011.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	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.
Molecular Mass	Human 4-1BB Protein contains 162 aa. It has a predicted MW of 19 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	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]
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Official Symbol	TNFRSF9
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Synonyms	TNFRSF9; 4-1BB; CD137; CDw137; ILA
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Gene ID	3604
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mRNA Refseq	NM_001561
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Protein Refseq	NP_001552
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MIM	602250
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UniProt ID	Q07011
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