

Active GMP Recombinant Human TNFSF9 protein, Fc-tagged

Cat. No. TNFSF9-115HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TNFRSF9 protein(NP_003802.1)(467 aa), fused with Fc 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 Ligand(NP_003802.1) was expressed with Fc 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(His tag) is 1ug/mL (100uL/well), and the linear binding range that can bind to human 4-1BB ligand(Fc tag) is 1.25-20ug/mL.
Molecular Mass	Recombinant Human 4-1BB Ligand protein contains 467 aa. It has a predicted MW of 51kDa.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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 4-1BB Ligand; TNFSF9; CD137L

Gene ID 8744

mRNA Refseq NM_003811

Protein Refseq NP_003802

MIM 606182

UniProt ID P41273

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