4-1BB Ligand Recombinant Protein | 4-1BB recombinant protein

Recombinant human 4-1BB Ligand Protein with N-mouse Fc and C-6xHis tag

CATALOG #	HOST	APPLICATIONS
AAA47227	**HEK293 cells**	**Western Blot**

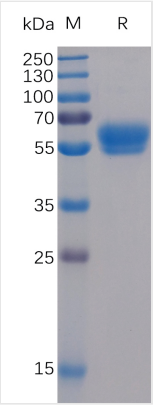
PRODUCT SYNONYMS

4-1BB Ligand; Recombinant human 4-1BB Ligand Protein with N-mouse Fc and C-6xHis tag; Human 4-1BB Ligand Protein; mFc-His Tag; 4-1BB Ligand;TNFSF9;CD137L; 4-1BB recombinant protein

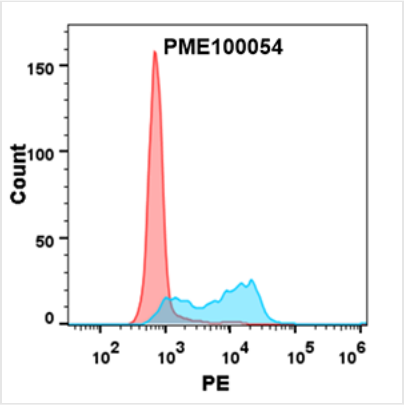
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-52% trehalose is added as protectants before lyophilization.
Sequence	mFc(Pro99- Lys330)+4- 1BBLigand(Pro52-Glu2 54)
Applicable Applications for 4-1BB recombinant protein	WB (Western Blot)
Source	Human
Conjugation	N-Mouse Fc and C-6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



SDS-PAGE
Figure 1. Human 4-1BB Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.



FCM/FACS (Flow Cytometry)
Figure 1. Human 4-1BB Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for 4-1BB recombinant protein	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This transmembrane cytokine is a bidirectional signal transducer that acts as a ligand for TNFRSF9/4-1BB, which is a costimulatory receptor molecule in T lymphocytes. This cytokine and its receptor are involved in the antigen presentation process and in the generation of cytotoxic T cells. The receptor TNFRSF9/4-1BB is absent from resting T lymphocytes but rapidly expressed upon antigenic stimulation. The ligand encoded by this gene, TNFSF9/4-1BBL, has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine has also been shown to be required for the optimal CD8 responses in CD8 T cells. This cytokine is expressed in carcinoma cell lines, and is thought to be involved in T cell-tumor cell interaction.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507609
NCBI GeneID	8744
NCBI Accession #	NP_003802.1
NCBI GenBank Nucleotide #	NM_003811.3
UniProt Accession #	P41273; Q2M3S2
Molecular Weight	26,625 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 9
NCBI Official Symbol	TNFSF9
NCBI Official Synonym Symbols	CD137L; 4-1BB-L
NCBI Protein Information	tumor necrosis factor ligand superfamily member 9; 4-1BBL; 4-1BB ligand; receptor 4-1BB ligand; homolog of mouse 4-1BB-L
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 9
UniProt Gene Name	**TNFSF9**
UniProt Synonym Gene Names	4-1BBL
UniProt Entry Name	TNFL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/tnfsf9-recombinant-protein-hek293-cells-wb-western-blot/47227