

4-1BB recombinant protein

Recombinant human 4-1BB protein with C-terminal mouse Fc and 6xHis tag

CATALOG # AAA47193	HOST HEK293 cells	APPLICATIONS Western Blot
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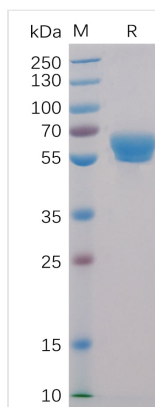
PRODUCT SYNONYMS

4-1BB; Recombinant human 4-1BB protein with C-terminal mouse Fc and 6xHis tag; Human 4-1BB Protein; mFc-His Tag; TNFRSF9; CD137; CDw137; ILA; 4-1BB recombinant protein

PRODUCT SPECIFICATIONS

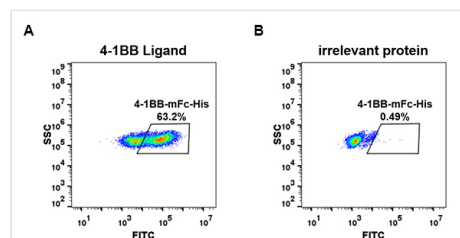
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-18% trehalose is added as protectants before lyophilization.
Sequence	41BB(Leu24 -Gln186)+m Fc(Pro99-L ys330)
Applicable Applications for 4-1BB recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C-Mouse Fc and 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 3. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human 4-1BB, mFc-His tagged protein (AAA47193) can bind Anti-4-1BB Neutralizing antibody BME100037 in a linear range of 3.2-400 ng/ml.



FCM/FACS (Flow Cytometry)

Figure 3. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human 4-1BB, mFc-His tagged protein (AAA47193) can bind Anti-4-1BB Neutralizing antibody BME100037 in a linear range of 3.2-400 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for 4-1BB recombinant protein	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604
NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011; AAB34924
Molecular Weight	27,899 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 9
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 9
NCBI Official Symbol	TNFRSF9
NCBI Official Synonym Symbols	ILA; 4-1BB; CD137; CDw137
NCBI Protein Information	tumor necrosis factor receptor superfamily member 9; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interl
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 9
UniProt Gene Name	TNFRSF9
UniProt Synonym Gene Names	CD137; ILA
UniProt Entry Name	TNR9_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.

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Online datasheet: <https://www.aaabiotech.com/tnfrsf9-recombinant-protein-hek293-wb-western-blot/47193>