

4-1BB/TNFRSF9 recombinant protein

Biotinylated Human 4-1BB/TNFRSF9 Protein Recombinant

CATALOG #	HOST
AAA76217	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

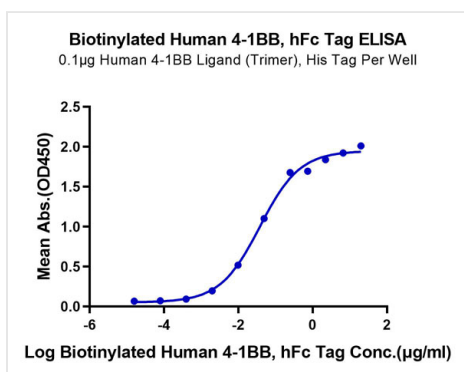
PRODUCT SYNONYMS

4-1BB/TNFRSF9; Biotinylated Human 4-1BB/TNFRSF9 Protein Recombinant; 4-1BB/TNFRSF9 recombinant protein

PRODUCT SPECIFICATIONS

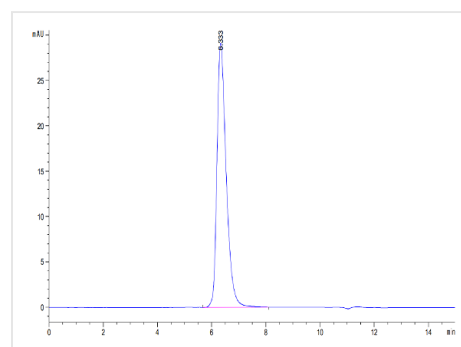
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human 4-1BB/TNFRSF9 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human 4-1BB/TNFRSF9 including a C-hFc-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



ELISA

Biotinylated Human 4-1BB/TNFRSF9 Protein ELISA Data: Immobilized Human 4-1BB Ligand (Trimer), His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human 4-1BB, hFc Tag with the EC₅₀ of 38.2 ng/ml determined by ELISA.



Application Data

Biotinylated Human 4-1BB/TNFRSF9 Protein SEC-HPLC: The purity of Biotinylated Human 4-1BB is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human 4-1BB/TNFRSF9 Protein Tris-Bis PAGE Biotinylated Human 4-1BB on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for 4-1BB/TNFRSF9 recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730095
NCBI GeneID	3604
NCBI Accession #	NP_001552.2
NCBI GenBank Nucleotide #	NM_001561.5
UniProt Accession #	Q07011; P41273 TNFL9_HUMAN; 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-cells/76217>