

B7-H4 recombinant protein

Biotinylated Human B7-H4 Protein Recombinant

CATALOG #	HOST
AAA76253	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

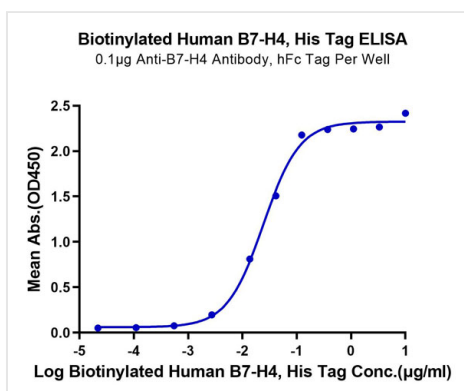
PRODUCT SYNONYMS

B7-H4; Biotinylated Human B7-H4 Protein Recombinant; B7-H4 recombinant protein

PRODUCT SPECIFICATIONS

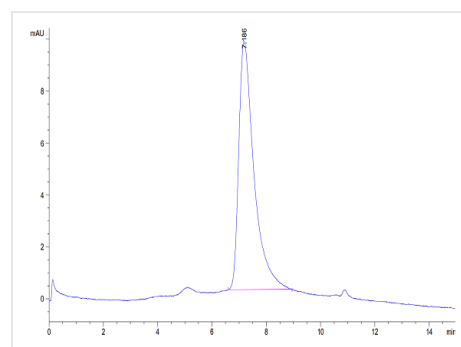
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human B7-H4 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human B7-H4 including a C-His-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).
Biological Process	Immunity
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



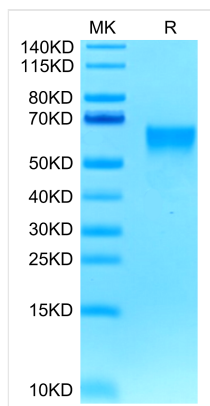
ELISA

Biotinylated Human B7-H4 Protein ELISA Data: Immobilized Anti-B7-H4 Antibody, hFc Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human B7-H4, His Tag with the EC50 of 24.3 ng/ml determined by ELISA.



Application Data

Biotinylated Human B7-H4 Protein SEC-HPLC: The purity of Biotinylated Human B7-H4 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human B7-H4 Protein Tris-Bis PAGE Biotinylated Human B7-H4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for B7-H4 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70997756
NCBI GeneID	79679
UniProt Accession #	Q7Z7D3; Q0GN76; Q45VN0; Q5WPZ3; Q6P097; Q9H6B2
Molecular Weight	30,878 Da
NCBI Official Full Name	B7-H4
NCBI Official Synonym Full Names	V-set domain containing T cell activation inhibitor 1
NCBI Official Symbol	VTCN1
NCBI Official Synonym Symbols	B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291; RP11-229A19.4
NCBI Protein Information	V-set domain-containing T-cell activation inhibitor 1; B7 family member, H4; B7 superfamily member 1; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; immune costimulatory protein B7-H4
UniProt Protein Name	V-set domain-containing T-cell activation inhibitor 1
UniProt Gene Name	VTCN1
UniProt Synonym Gene Names	B7H4
UniProt Entry Name	VTCN1_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://stage.aaabiotech.com/vtcn1-recombinant-protein-hek293-cells/76253>