

B7-H3 (4Ig)/B7-H3b Recombinant Protein | B7-H3 recombinant protein

Biotinylated Human B7-H3 (4Ig)/B7-H3b Protein Recombinant

CATALOG #	HOST
AAA76333	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

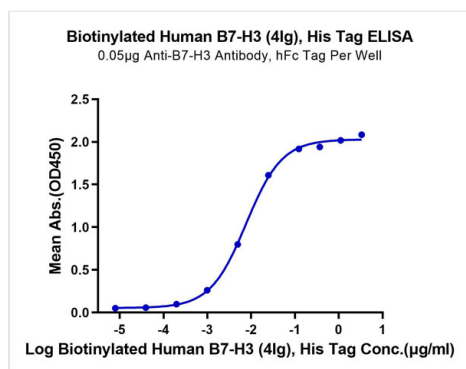
PRODUCT SYNONYMS

B7-H3 (4Ig)/B7-H3b; Biotinylated Human B7-H3 (4Ig)/B7-H3b Protein Recombinant; B7-H3 recombinant protein

PRODUCT SPECIFICATIONS

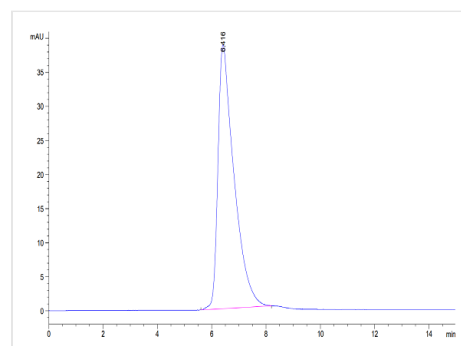
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human B7-H3 (4Ig)/B7-H3b was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human B7-H3 (4Ig)/B7-H3b including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVI tag 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).
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-H3 (4Ig) /B7-H3b Protein ELISA Data: Immobilized Anti-B7-H3 Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human B7-H3 (4Ig) , His Tag with the EC50 of 7.7ng/ml determined by ELISA.



Application Data

Biotinylated Human B7-H3 (4Ig) /B7-H3b Protein SEC-HPLC: The purity of Biotinylated Human B7-H3 (4Ig) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human B7-H3 (4Ig) /B7-H3b Protein Tris-Bis PAGE Biotinylated Human B7-H3 (4Ig) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for B7-H3 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52694705
NCBI GeneID	80381
UniProt Accession #	Q5ZPR3; Q6P5Y4; Q6UXI2; Q8NBI8; Q8NC34; Q8NCB6; Q9BXR1
Molecular Weight	57,235 Da
NCBI Official Full Name	B7-H3 protein
NCBI Official Synonym Full Names	CD276 molecule
NCBI Official Symbol	CD276
NCBI Official Synonym Symbols	B7H3; B7-H3; B7RP-2; 4Ig-B7-H3
NCBI Protein Information	CD276 antigen; B7 homolog 3; costimulatory molecule
UniProt Protein Name	CD276 antigen
UniProt Gene Name	CD276
UniProt Synonym Gene Names	B7H3; B7-H3
UniProt Entry Name	CD276_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/cd276-recombinant-protein-hek293-cells/76333>