

B7-H3/CD276 recombinant protein

Recombinant Human B7-H3/CD276 Protein

CATALOG #
AAA282485

HOST
HEK293 cells

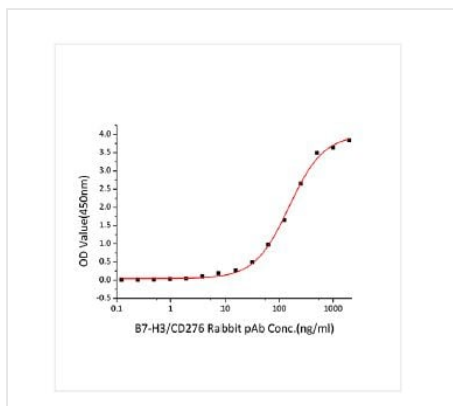
PRODUCT SYNONYMS

B7-H3/CD276; Recombinant Human B7-H3/CD276 Protein; CD276; 4Ig-B7-H3; B7-H3; B7H3; B7RP-2; CD276 antigen; B7-H3/CD276 recombinant protein

PRODUCT SPECIFICATIONS

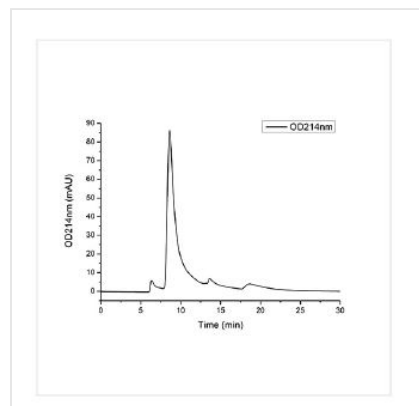
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-hFc&His
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized Human CD276 at 2 ug/mL (100 uL/well) can bind CD276 Rabbit pAb with a linear range of 0.1-152 ng/mL.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



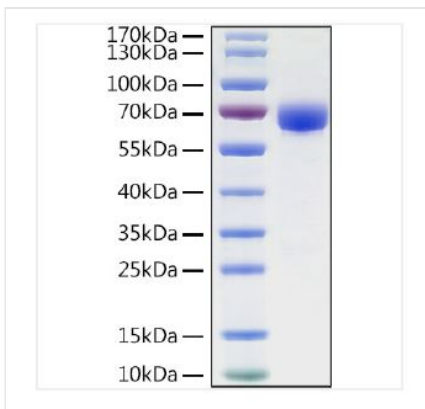
Application Data

Immobilized Human CD276 at 2ug/mL (100 uL/well) can bind CD276 Rabbit pAb with a linear range of 0.1-152 ng/mL.



Application Data

The purity of Human B7-H3/CD276 Protein (#AAA282485) was greater than 90% as determined by SEC-HPLC.



SDS-PAGE

Active Recombinant Human B7-H3/CD276 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 63-70kDa.

ADDITIONAL INFORMATION

Related Product Information for B7-H3/CD276 recombinant protein	Active Recombinant Human B7-H3/CD276 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu29-Pro245) of human B7-H3/CD276 (Accession #NP_079516) fused with a Fc, 6xHis tag at the C-terminus.
Product Categories/Family for B7-H3/CD276 recombinant protein	Immune Checkpoint ; Bio-Markers & CD Antigens ; Biosimilar Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694705
NCBI GeneID	80381
UniProt Accession #	Q5ZPR3 ; Q6P5Y4 ; Q6UXI2 ; Q8NB18 ; 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; 4lg-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://stage.aaabiotech.com/cd276-recombinant-protein-hek293-cells/282485>