

B7-H3 recombinant protein

Recombinant human B7-H3 protein with C-terminal mouse Fc and 6xHis tag

CATALOG # AAA47194	HOST HEK293 cells	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

B7-H3; Recombinant human B7-H3 protein with C-terminal mouse Fc and 6xHis tag; Human B7-H3 Protein; mFc-His Tag; CD276; B7 homolog 3; B7-H3 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%-19% trehalose is added as protectants before lyophilization.
Sequence	B7-H3(Leu2 9-Pro245)+ mFc(Pro99- Lys330)
Applicable Applications for B7-H3 recombinant protein	ELISA, 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



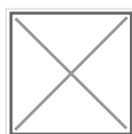
SDS-PAGE

Figure 1. Human B7-H3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human B7-H3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human B7-H3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for B7-H3 recombinant protein	The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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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://stage.aaabiotech.com/cd276-recombinant-protein-hek293-cells-elisa-wb-western-blot/47194>