

B7-H3 protein

Human B7-H3 Protein, mFc-His Tag

CATALOG #
AAA268934

HOST
HEK293 cells

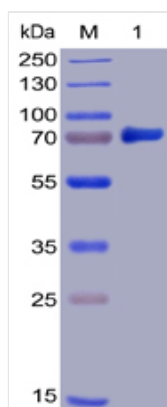
PRODUCT SYNONYMS

B7-H3; Human B7-H3 Protein; mFc-His Tag; CD276; B7 homolog 3; B7-H3 protein

PRODUCT SPECIFICATIONS

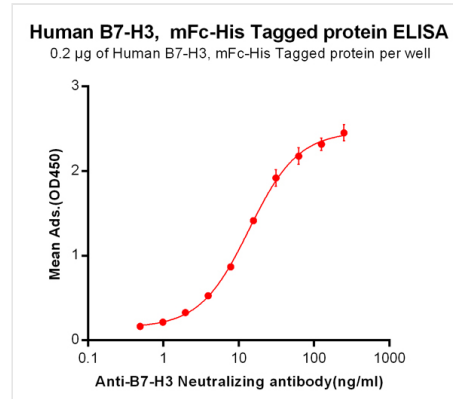
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-19 % trehalose is added as protectants before lyophilization.
Sequence Positions	B7-H3 (Leu29-Pro245)+mFc (Pro99-Lys330)
Species	Human
Vector and Tag	C-Mouse Fc and 6xHis tag
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



ELISA

Figure 2. ELISA plate pre-coated by 2ug/ml (100ul/well) Human B7-H3, mFc-His tagged protein (PME100012) can bind Anti-B7-H3 Neutralizing antibody in a linear range of 0.24-31.25ng/ml.



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for B7-H3 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.

NCBI AND UNIPROT INFORMATION

Molecular Weight	The protein has a predicted molecular mass of 70-75kDa after removal of the signal peptide.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hek293-cells-protein/b7-h3/268934>