

Human B7-H3 Protein, mFc-His Tag

Catalog No: #AP89539

Package Size: #AP89539-1 10ug #AP89539-2 100ug

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Description

Product Name	Human B7-H3 Protein, mFc-His Tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	B7-H3(Leu29-Pro245)+mFc(Pro99-Lys330)+6≠His
Other Names	B7-H3, CD276, B7 homolog 3
Calculated MW	70-75 kDa
Tag Info	C-Mouse Fc and 6≠His tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 19 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Images

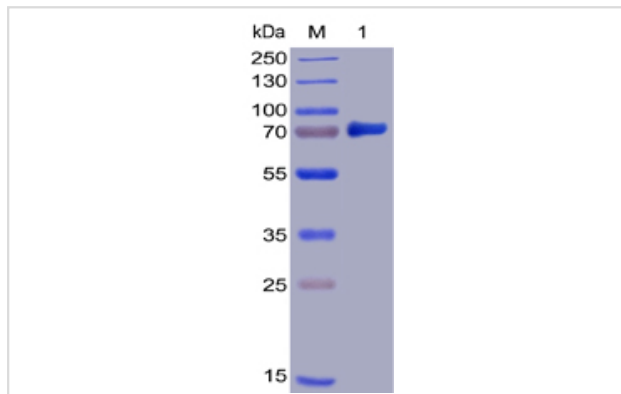


Figure 1. Human B7-H3 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

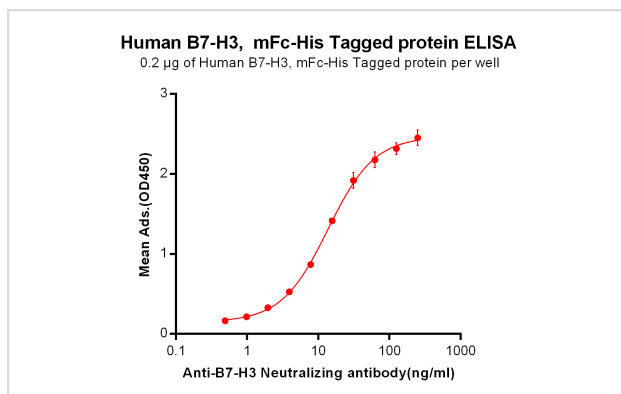


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human B7-H3, mFc-His tagged protein can bind Anti-B7-H3 Neutralizing antibody in a linear range of 0.24-31.25 ng/ml.



B7-H3(Leu29-Pro245)

mFc(Pro99-Lys330)

6×His tag

Product Description

Expression Region:710Research Topic: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.

Note: This product is for in vitro research use only