PRODUCT INFORMATION

Target	B7-H6
Synonyms	B7-H6;NCR3LG1;B7 Homolog 6
Description	Recombinant Human B7-H6 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q68D85
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	B7-H6(Asp25-Ser262) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 27.5 kDa after removal of the signal peptide.The apparent molecular mass of B7-H6-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	B7H6 belongs to the B7 family (see MIM 605402) and is selectively expressed on tumor cells. Interaction of B7H6 with NKp30 (NCR3, MIM 611550) results in natural killer (NK) cell activation and cytotoxicity.
Usage	Research use only
Conjugate	Unconjugated

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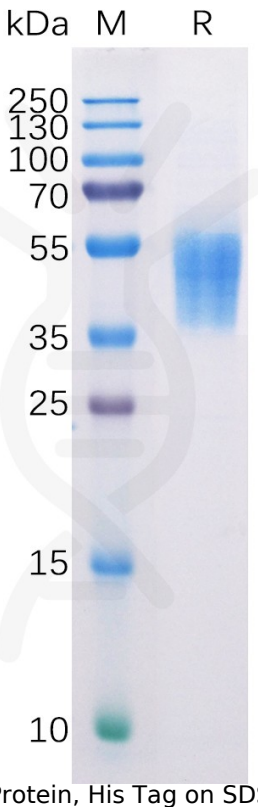


Figure 1. Human B7-H6 Protein, His Tag on SDS-PAGE under reducing condition.

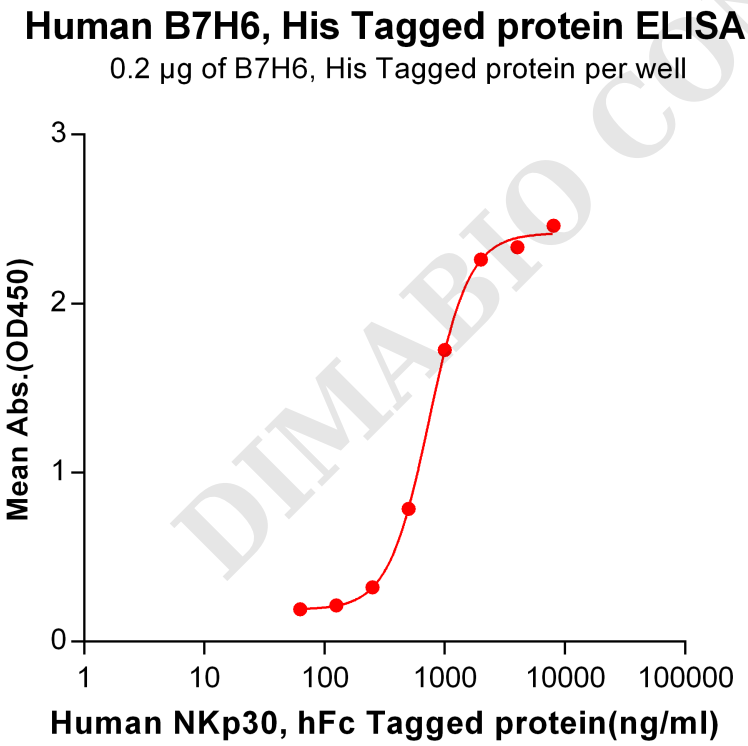


Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human B7-H6, His tagged protein (PME100510) can bind Human NKp30, hFc tagged protein PME100081 in a linear range of 250-2000 ng/ml.

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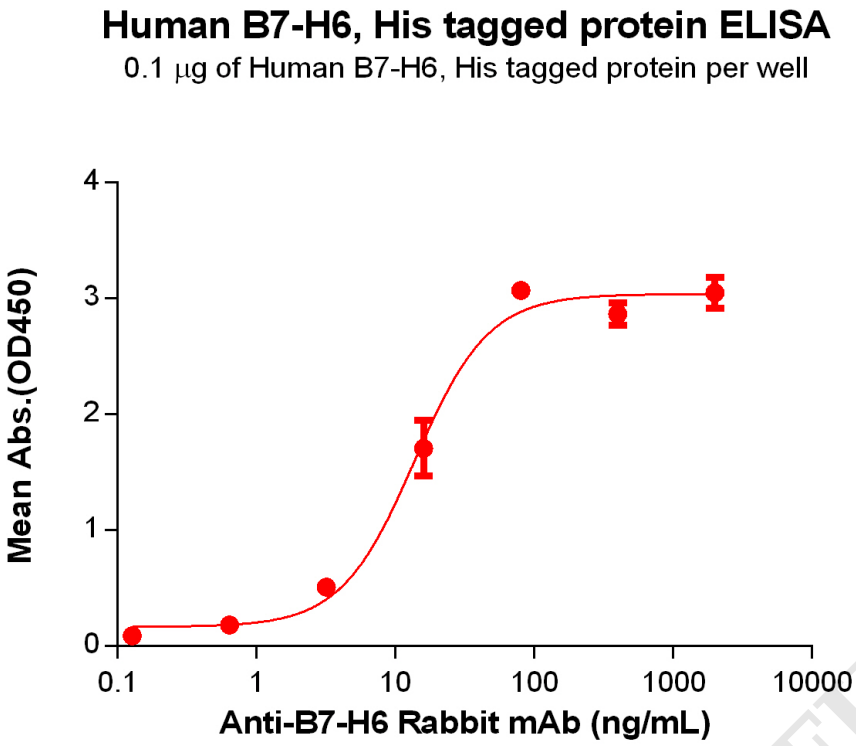


Figure 3. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human B7-H6 Protein, His Tag(PME100510) can bind Anti-B7-H6 Rabbit mAb in a linear range of 3.2-80 ng/mL.

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