HUMAN B7-H6 PROTEIN, HIS TAG

Cat.#: 11313
Product Name: Human B7-H6 Protein
Size : 10 μg, 50 μg and 100 μg
Synonyms: B7-H6;CR3LG1;7 Homolog 6
Target: B7-H6
UNIPROT ID: Q68D85
Description: Recombinant Human B7-H6 Protein with C-terminal 6xHis tag
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.
Species/Host: HEK293
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.
Molecular Characterization: B7-H6(Asp25-Ser262) 6×His tag
Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.
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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

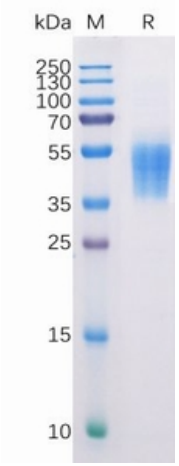

Figure 1. Human B7-H6 Protein, His Tag on SDS-PAGE under reducing condition.

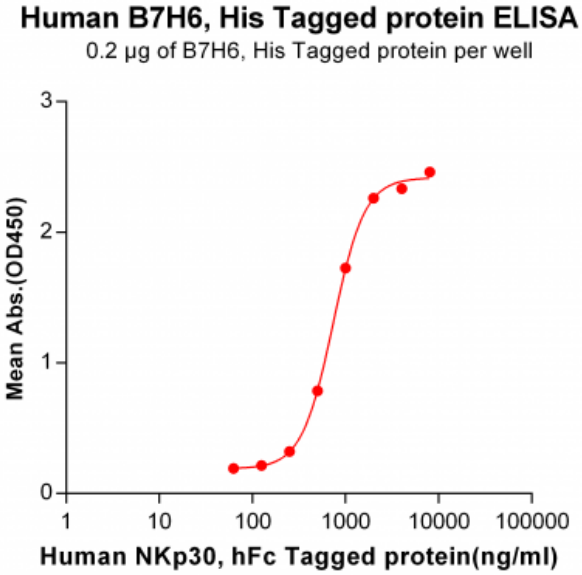

Figure 2. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human B7-H6, His tagged protein (11313) can bind Human NKp30, hFc tagged protein 11201 in a linear range of 250-2000 ng/ml.

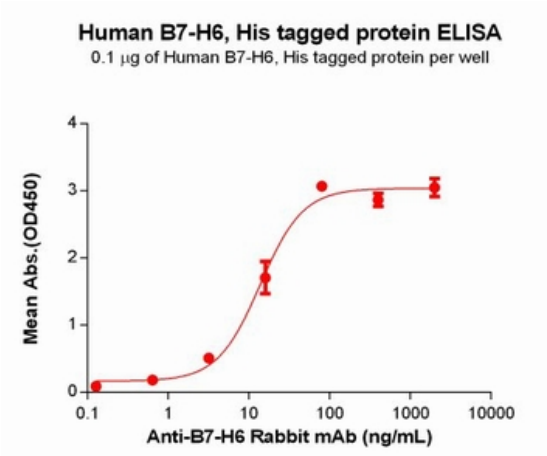

Figure 3. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human B7-H6 Protein, His Tag(11313) can bind Anti-B7-H6 Rabbit mAb in a linear range of 3.2-80 ng/mL.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS