

B7-H6 / B7H6 active protein

Recombinant Human B7-H6 Protein (His Tag)(Active)

CATALOG # AAA173515	HOST HEK293 Cells
-------------------------------	-----------------------------

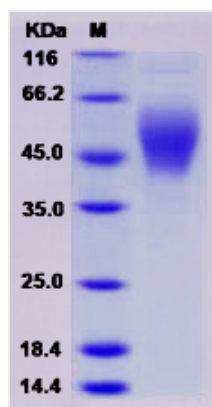
PRODUCT SYNONYMS

B7-H6 / B7H6; Recombinant Human B7-H6 Protein (His Tag)(Active); Natural cytotoxicity triggering receptor 3 ligand 1; B7 homolog 6; B7-H6; NCR3LG1; B7H6; B7-H6 / B7H6 active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4 5%Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Met1-Ser26 2
Species	Human
Tag	C-His
Bio_activity	Measured by its binding ability in a functional ELISA. Immobilized human B7-H6-His at 10ug/mL (100uL/well) can bind human NCR3-Fch, the EC50 of human NCR3-Fch is 6-200ng/mL.
Endotoxin	< 1.0 EU per ?g of the protein as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water(800ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for B7-H6 / B7H6 active protein	Natural cytotoxicity triggering receptor 3 ligand 1(B7-H6) is a glycosylated member of the B7 family of immune costimulatory proteins. Mature human B7-H6 consists of a 238 amino acid (aa) extracellular domain (ECD) that contains one Ig-like V domain and one Ig-like C1 domain, a 21 aa transmembrane segment, and a 171 aa cytoplasmic domain that contains one ITIM, one SH2, and one SH3 motif. Both of the Ig-like domains carry N-linked glycosylation. The Ig-like V domain mediates 1:1 stoichiometric binding of B7-H6 to NKp30 expressed on NK cells. It does not show binding to NKp44, NKp46, or NKG2D. Ligation of NKp30 by B7-H6 induces NK cell activation and target cell cytolysis. B7-H6 is expressed on a wide range of hematopoietic, carcinoma, and melanoma tumor cells, which is consistent with the detection of NKp30 binding sites on many tumors.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	320461732
NCBI GeneID	374383
NCBI Accession #	NP_001189368.1
NCBI GenBank Nucleotide #	NM_001202439.2
UniProt Accession #	Q68D85; Q7Z3M6
Molecular Weight	28.1 kDa
NCBI Official Full Name	natural cytotoxicity triggering receptor 3 ligand 1
NCBI Official Synonym Full Names	natural killer cell cytotoxicity receptor 3 ligand 1
NCBI Official Symbol	NCR3LG1
NCBI Official Synonym Symbols	B7H6; B7-H6; DKFZp686O24166
NCBI Protein Information	natural cytotoxicity triggering receptor 3 ligand 1
UniProt Protein Name	Natural cytotoxicity triggering receptor 3 ligand 1
UniProt Gene Name	NCR3LG1
UniProt Synonym Gene Names	B7H6; B7-H6

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.