

B7-H6 recombinant protein

Recombinant human B7-H6 protein

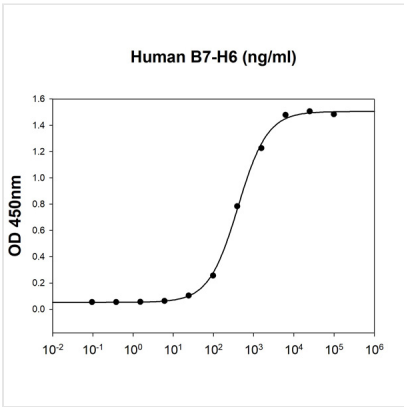
CATALOG # AAA48426	HOST HEK293	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

B7-H6; Recombinant human B7-H6 protein; Natural cytotoxicity triggering receptor 3 ligand 1; B7 homolog 6; NCR3LG1; B7H6; DKFZp686O24166; B7-H6 recombinant protein

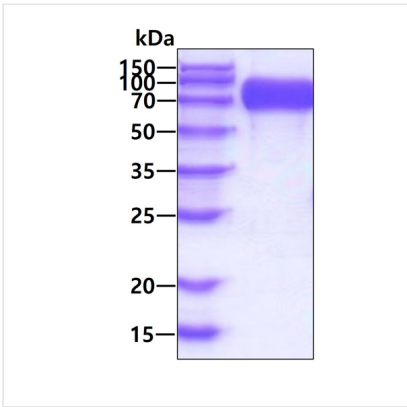
PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	0.5mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Positions	25-262aa
Sequence	DLKVEMMAGG TQITPLNDNV TIFCNIFYSQ PLNITSMGIT WFWKSLTFDK EVKVFEFFGD HQEAFRPGAI VSPWRLKSGD ASLRLPGIQL EEAGEYRCEV VVTPLKAQGT VQLEVVASPA SRLLLDQVGM KENEDKYMCE SSGFYPEAIN ITWEKQTQKF PHPIEISEDV ITGPTIKNMD GTFNVTSLK LNSSQEDPGT VYQCVVRHAS LHTPLRSNFT LTAARHSLSE TEKTDNFS
Applicable Applications for B7-H6 recombinant protein	Bioactivity, SDS-PAGE
Species	Human
Tag	hIgG-His-Tag
Predicted Nterm	Asp 25
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Bioactivity	Measured by its binding ability in a functional ELISA with Human NCR3. The ED50 range <=500 ng/ml.
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.



Bioactivity

Human NCR3 is coated at 2 ug/ml (100 ul/well) can bind Human B7-H6. The ED50 range



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for B7-H6 recombinant protein	B7-H6, also known as NCR3LG1, is a member of the B7 family of immune co-stimulatory proteins. B7-H6 is as a cell-surface ligand for the Nkp30-activating receptor expressed on natural killer cells. It is expressed on a wide range of hematopoietic, carcinoma, and melanoma tumor cells, and is consistent with the detection of Nkp30 binding sites on many tumors. The expression of Nkp30 ligands on tumor cells correlates with tumor cell sensitivity to Nkp30-dependent cell lysis. Recombinant human B7-H6, fused to hIgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Product Categories/Family for B7-H6 recombinant protein	Immunology
References	Brandt C.S., et al. (2009) J. Exp. Med. 206:1495-1503.; Zou, W., et al. (2008) Nat Rev Immunol. 8:467-477.; Byrd A., et al. (2007) PLoS ONE. 2:e1339.

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	80 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.

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Online datasheet: <https://stage.aaabiotech.com/ncr3lg1-recombinant-protein-hek293-bioactivity-sds-page/48426>