

Human CellExp™ B7-H6, human recombinant
Natural cytotoxicity triggering receptor 3 ligand 1
Catalog # PBV11490r**Specification**

Human CellExp™ B7-H6, human recombinant - Product info

Primary Accession [Q68D85](#)
Calculated MW **80 kDa KDa**

Human CellExp™ B7-H6, human recombinant - Additional Info

Gene ID **374383**
Other Names
B7-H6, Natural cytotoxicity triggering receptor 3 ligand 1, B7H6, B7 homolog 6, NCR3LG1

Gene Source **Human**
Source **HEK 293 cells**
Assay&Purity **SDS-PAGE; ≥ 98%**
Recombinant **Yes**
Target/Specificity
NCR3LG1

Application Notes

Reconstitute in 1X PBS to the desired protein concentration.

Format

Lyophilized

Storage

-20°C; Lyophilized from 0.2 µm-filtered solution in PBS.

Human CellExp™ B7-H6, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp™ B7-H6, human recombinant - Images**Human CellExp™ B7-H6, human recombinant - Background**

B7-H6 is a glycosylated member of the B7 family of immune costimulatory proteins. Orthologs in

mouse and rat have not been identified. 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 cytotoxicity. 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. The expression of NKp30 ligands on tumor cells correlates with tumor cell sensitivity to NKp30-dependent cell lysis.