

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 O68D85
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.

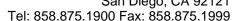
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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 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. The expression of NKp30 ligands on tumor cells correlates with tumor cell sensitivity to NKp30-dependent cell lysis.