

Datasheet for ABIN7566035

B7-H6 Protein (AA 25-262) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	B7-H6 (NCR3LG1)
Protein Characteristics:	AA 25-262
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B7-H6 protein is labelled with Fc Tag.

Product Details

Purpose:	B7-H6 (human):Fc (mouse) (rec.)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human B7-H6 (aa 25-262) is fused to the N-terminus of the Fc region of mouse IgG2a.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<5EU/mg protein (LAL test, Lonza).

Target Details

Target:	B7-H6 (NCR3LG1)
Alternative Name:	B7-H6 (NCR3LG1 Products)

Target Details

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.

Molecular Weight: ~80kDa (SDS-PAGE)

NCBI Accession: [NP_001189368](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 0.2µm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.