

Human CellExp™ B7-H6, human recombinant

CATALOG NO:	P1013-10 P1013-50	10 µg 50 µg
ALTERNATE NAMES:	Natural cytotoxicity triggering receptor 3 ligand 1, B7 homolog 6	
SOURCE:	HEK 293 cells (aa 25-262)	
PURITY:	≥ 98% by SDS – PAGE	
MOL. WEIGHT:	The protein has a calculated MW of 80 kDa. The extracellular domain of human B7-H6 (aa 25-262) is fused to the N-terminus of the Fc region of mouse IgG2a.	
ENDOTOXIN LEVEL:	< 5 EU per 1mg of protein (determined by LAL method)	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.2µm-filtered solution in PBS.	
STORAGE CONDITIONS:	Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Reconstitute with 1X PBS to the desired protein concentration.	
DESCRIPTION:	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.	

RELATED PRODUCT:

- Human CellExp™ ICOSLG/B7-H2/CD275, human recombinant (**Cat. No. 7426-20**)
- Human CellExp Human Recombinant IL-2 (**Cat. No. 6461-10, -50**)
- IL-2 Receptor α, Human Recombinant (**Cat. No. 7100-10, -50**)
- Human CellExp™ CD223, human recombinant (**Cat. No. 7278-10, -50**)
- Human CellExp™ CD71, human recombinant (**Cat. No. 7279-10, -50**)
- Human CellExp™ CD273, human recombinant (**Cat. No. 7369-10, -50**)
- Human CellExp™ CD33, human recombinant (**Cat. No. 7370-10, -50**)
- Human CellExp™ CD36, human recombinant (**Cat. No. 7371-10, -50**)
- Human CellExp™ CD87, human recombinant (**Cat. No. 7372-20, -100**)
- Human CellExp™ CD360, human recombinant (**Cat. No. 7373-20, -100**)
- Human CellExp™ CD244, human recombinant (**Cat. No. 7374-10, -50**)
- Human CellExp™ CD304, human recombinant (**Cat. No. 7375-10**)
- Human CellExp™ CD319, human recombinant (**Cat. No. 7376-10, -50**)
- Human CellExp™ CD306, human recombinant (**Cat. No. 7377-10, -50**)
- Human CellExp™ CD84, human recombinant (**Cat. No. 7378-10, -50**)

FOR RESEARCH USE ONLY! Not to be used on humans.