

## B7-H6 Protein, Cynomolgus, Recombinant (hFc)

### General Information

Synonyms:	natural killer cell cytotoxicity receptor 3 ligand 1;B7H6
Protein Construction:	A DNA sequence encoding the cynomolgus NCR3LG1 (XP_005578557.1) (Met1-Asp259) was expressed with the Fc region of human IgG1 at the C-terminus. Predicted N terminal: Asp 25
Species:	Cynomolgus
Expression Host:	HEK293 Cells
Accession:	XP_005578557.1
Molecular Weight:	53.2 kDa (predicted)

### QC Testing

Biological Activity:	1. Measured by its binding ability in a functional ELISA. 2. Immobilized cynomolgus NCR3-His at 10µg/mL (100µL/well) can bind cynomolgus B7-H6-Fc, the EC50 of cynomolgus B7-H6-Fc is 20-150ng/mL.
Purity:	> 90 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

### Preparation and Storage

**Reconstitution:**  
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

**Stability & Storage:**

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

**Shipping:**

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481