

# Active GMP Recombinant Human NCR3LG1 protein

**Cat. No.** NCR3LG1-495HG    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GMP Recombinant Human NCR3LG1 protein(NP_001189368.1)(238 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines. |
| <b>Species</b>          | Human                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                       |
| <b>ProteinLength</b>    | DNA sequence encoding Human B7-H6(UniProtKB/Swiss-Prot: Q68D85.1) was expressed with His tag at the C-terminal.                                                                              |
| <b>Form</b>             | Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.                                                                                                                          |
| <b>Bio-activity</b>     | The linear range of immobilized NKp30 (Fc Tag) at 5ug/mL (100 uL/well) that can bind to human B7-H6(His Tag) is 0.05-1 ug/mL.                                                                |
| <b>Molecular Mass</b>   | Recombinant Human B7-H6 protein contains 238 aa. It has a predicted MW of 28.4 kDa.                                                                                                          |
| <b>Endotoxin</b>        | <0.1EU/ug                                                                                                                                                                                    |
| <b>Purity</b>           | >=95% by SDS-PAGE and HPLC                                                                                                                                                                   |
| <b>Storage</b>          | The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing                       |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

|                 |                                                                                       |
|-----------------|---------------------------------------------------------------------------------------|
| Gene Name       | NCR3LG1 natural killer cell cytotoxicity receptor 3 ligand 1 [ Homo sapiens (human) ] |
| Official Symbol | NCR3LG1                                                                               |
| Synonyms        | B7H6; B7-H6; DKFZp686O24166                                                           |
| Gene ID         | 374383                                                                                |
| mRNA Refseq     | NM_001202439.3                                                                        |
| Protein Refseq  | NP_001189368.1                                                                        |
| MIM             | 613714                                                                                |
| UniProt ID      | Q68D85                                                                                |

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