

# Recombinant Human NKG2-D/KLRK1/CD314 Protein

Catalog No.: RP00417 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	22914	P26718

### Tags

N-His

### Synonyms

KLR;CD314;NKG2D;NKG2-D

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
16.9 kDa	20-33 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

This protein represents naturally occurring read-through transcription between the neighboring KLRC4 (killer cell lectin-like receptor subfamily C, member 4) and KLRK1 (killer cell lectin-like receptor subfamily K, member 1) genes on chromosome 12. The read-through transcript includes an alternate 5' exon and lacks a significant portion of the KLRC4 coding sequence, including the start codon, and it thus encodes the KLRK1 protein.

## Basic Information

### Description

Recombinant Human NKG2-D/KLRK1/CD314 Protein is produced by Human cell expression system. The target protein is expressed with sequence (Phe78-Val216) of human NKG2D/CD314/KLRK1 (Accession #P26718) fused with a 6xHis tag at the N-terminus.

### Bio-Activity

### Storage

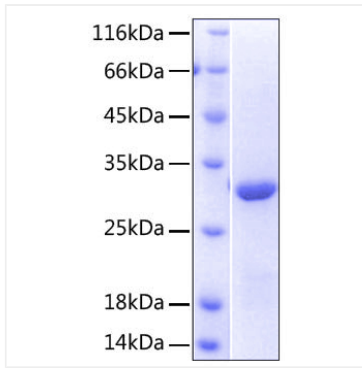
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant protein Human NKG2D/CD314/KLRK1 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 30 kDa.