

Recombinant Human NKG2-D/KLRK1/CD314 Protein

Catalog No.: RP00417

Sequence Information

Species	Gene ID
Human	22914
Swiss Prot	Tags
P26718	N-His

Synonyms

KLR;CD314;NKG2D;NKG2-D

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined 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.

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 6×His tag at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.

Liquid proteins are shipped at frozen temperature with dry ice.

Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

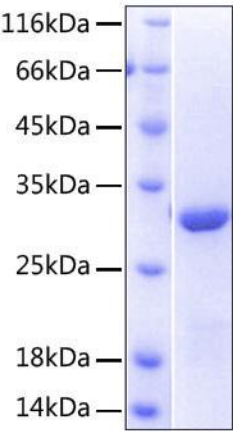
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Validation Data



Recombinant Human NKG2-D/KLRK1/CD314 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.