

Recombinant Human KIR2DL5/CD158f1 Protein

Catalog No.: RP02704 **Recombinant**

Sequence Information

Species Human **Gene ID** 57292 **Swiss Prot** NP_065396

Tags
C-His&Avi

Synonyms

KIR2DL5A; CD158F; CD158F1; KIR2DL5;
KIR2DL5.1; KIR2DL5.3; KIR2DL5A;
KIR2DL5B

Background

A recently developed anti-KIR2DL5 (CD158f) antibody has demonstrated KIR2DL5 expression on the surface of NK and T lymphocytes, making it the last functional KIR identified in the human genome. KIR2DL5 belongs to an ancestral lineage of KIR with Ig-like domains of the D0-D2 type, of which KIR2DL4, an HLA-G receptor, is the only other human member.

Basic Information

Description

Recombinant Human KIR2DL5/CD158f1 Protein is produced by Expi293 cells expression system. The target protein is expressed with sequence (His22-His240) of Human KIR2DL5/CD158f1 (Accession #NP_065396) fused with His tag and Avi tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

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

Product Information

Source

HEK293 cells **Purification**
≥ 95 % as determined by Tris-Bis PAGE.

Calculated MW

26.3 kDa

Observed MW
45-52 kDa

Endotoxin

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

Formulation

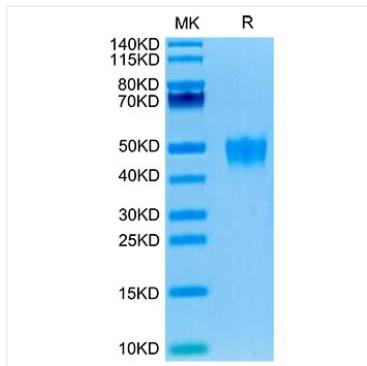
Reconstitution

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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Validation Data



Recombinant Human KIR2DL5/CD158f1
Protein was determined by Tris-Bis PAGE
under reducing conditions.