

Recombinant Human KIR2DL5/CD158f1 Protein

Catalog No.: RP02704

Sequence Information

Species	Gene ID
Human	57292
Swiss Prot	Tags
NP_065396	C-His&Avi

Synonyms

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

Product Information

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

Calculated MW	Observed MW
26.3 kDa	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.

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.

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

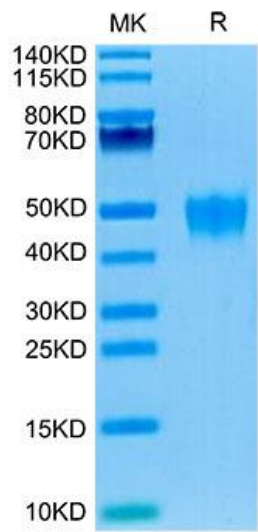
Operational Notes

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

Contact

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Validation Data



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