

Recombinant Human KIR3DL3 Protein

Catalog No.: RP02711 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 115653 | Q8N743 |

Tags

C-His&Avi

Synonyms

CD158Z; KIR2DS2; KIR3DL7; KIR44;
KIRC1; KIR3DL3

Product Information

| Source | Purification |
|--------------|--|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC |

| Calculated MW | Observed MW |
|---------------|-------------|
| 35.3 kDa | 48-52 kDa |

Endotoxin

Less than 1EU per µg by the 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

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Background

Killer-cell immunoglobulin-like receptor (KIR) 3DL3 is a framework gene present in all human KIR haplotypes. KIR3DL3 has been shown to be constitutively expressed at a low RNA level in peripheral blood mononuclear cell (PBMC) and decidual natural kill (NK) cells.

Basic Information

Description

Recombinant Human KIR3DL3 Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. It contains Glu26-Leu322.

Bio-Activity

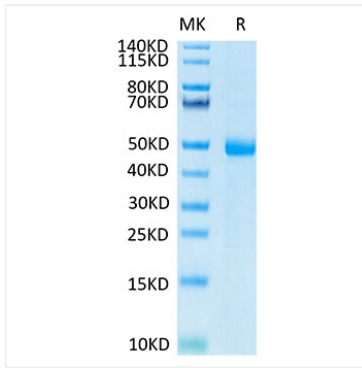
Storage

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

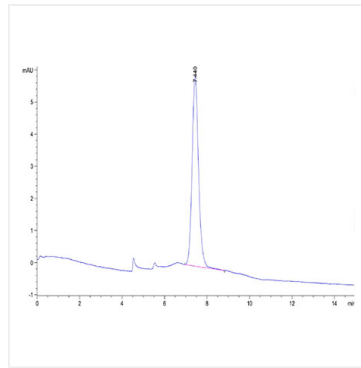
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

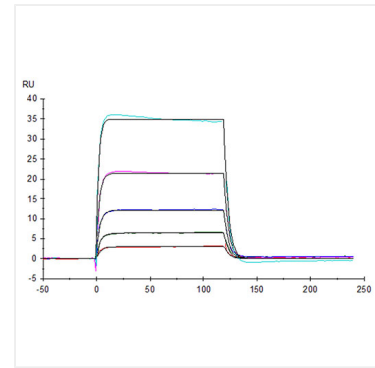
Validation Data



Human KIR3DL3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human KIR3DL3 is greater than 95% as determined by SEC-HPLC.



Human B7-H7, hFc Tag captured on CM5 Chip via Protein A can bind Human KIR3DL3, His Tag with an affinity constant of 334 nM as determined in SPR assay (Biacore T200).