

RP02711

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# Recombinant Human KIR3DL3 Protein

Catalog No.: RP02711

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	115653	Q8N743

### Tags

C-His&Avi

### Synonyms

CD158Z; KIR2DS2; KIR3DL7; KIR44;  
KIRC1; KIR3DL3

## Product Information

### Source

HEK293 cells

### Purification

> 95% as determined by Tris-Bis PAGE ; > 95% as determined by HPLC

### 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



[www.abclonal.com](http://www.abclonal.com)

## 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

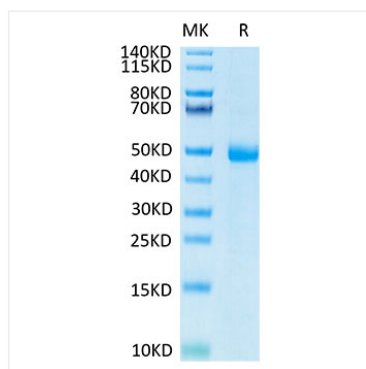
Recombinant Human KIR3DL3 Protein is expressed from Expi293 with His tag and Avi tag at the C-terminal. ; It contains Glu26-Leu322.

### Bio-Activity

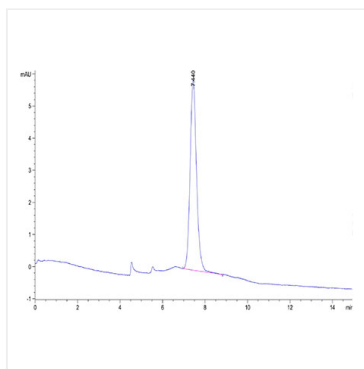
### Storage

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.

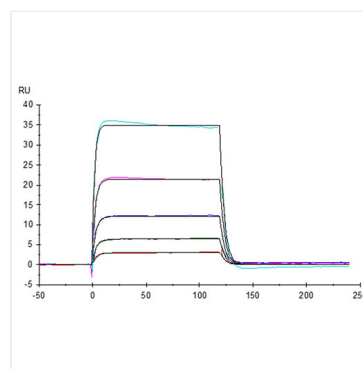
## Validation Data



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).