

Synonym

Killer cell immunoglobulin-like receptor 3DL3,CD158 antigen-like family member Z,Killer cell inhibitory receptor 1,CD158z,KIR3DL3,KIR3DL7,KIRC1

Source

Human KIR3DL3, Fc Tag(KI3-H5259) is expressed from human 293 cells (HEK293). It contains AA Gln 26 - Leu 322 (Accession # [Q8N743-1](#)).
Predicted N-terminus: Gln 26

Molecular Characterization

KIR3DL3(Gln 26 - Leu 322) Q8N743-1	Fc(Pro 100 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus.
The protein has a calculated MW of 58.7 kDa. The protein migrates as 66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.
For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

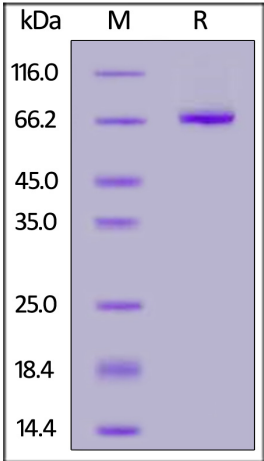
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- 20°C to -70°C for 12 months in lyophilized state;
- 70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human KIR3DL3, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Background

the inhibitory KIR surface receptors possessing three extracellular immunoglobulin (Ig) domains (3D) and only one inhibitory motif within the long cytoplasmic domain (L) due to a premature stop codon. Moreover, exon 6 of KIR3DL3 encoding the stem part of the receptor is also absent, which differs from other inhibitory KIRs. Understanding the function of KIR3DL3 is further complicated by the unknown identity of the specific ligand, but its importance is highlighted by its presence



Human KIR3DL3 / CD158z Protein, Fc Tag

Catalog # KI3-H5259



in all human KIR haplotypes with
120 distinct polymorphic alleles of the coding sequence [

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