Human KIR2DL1/CD158a (Fc Tag) recombinant protein

Catalog Number: 504036

General Information

Gene Name Synonym

CD158 antigen-like family member A; MHC class I NK cell receptor; Natural killer-associated transcript 1; p58 natural killer cell receptor clones CL-42/47.11; p58.1 MHC class-I-specific NK receptor

Protein Construction

A DNA sequence encoding the human KIR2DL1 (NP_055033.2) extracellular domain (Met 1-His 245) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70℃

Predicted N terminal

His 22

Molecular Mass

The secreted recombinant human KIR2DL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 465 amino acids and has a predicted molecular mass of 51.7 kDa. The apparent molecular mass of rhKIR2DL1/Fc monomer is approximately 70 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

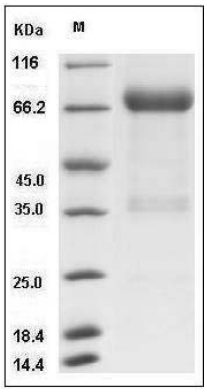
Storage

Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human KIR2DL1 / CD158a Protein (Fc Tag) SDS-PAGE