

Human KIR2DL4 / CD158D (Fc Tag) recombinant protein



Catalog Number: 504806

General Information

Protein Construction

A DNA sequence encoding the human KIR2DL4 (ADY38409.1)(Met1-His242) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

CHO Cells

QC Testing

Purity

(75.1+13.2+10.1) % 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°C

Predicted N terminal

Trp 24

Molecular Mass

The recombinant human KIR2DL4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 462 amino acids and has a predicted molecular mass of 51.3 kDa. The

apparent molecular mass of the protein is approximately 62, 34 and 32 kDa in SDS-PAGE under reducing conditions.

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

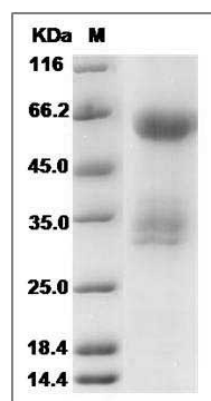
Storage

Store it under sterile conditions at -20°C to -80°C . 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 KIR2DL4 / CD158D Protein (Fc Tag) SDS-PAGE