

Human DcR3/TNFRSF6B (Fc Tag) recombinant protein



Catalog Number: 502783

General Information

Gene Name Synonym

Decoy receptor 3; Decoy receptor for Fas ligand; M68

Protein Construction

A DNA sequence encoding the human DCR3 (O95407)(Met1-His300) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells.

The ED₅₀ for this effect is typically 0.01-0.05 µg/mL in the presence of 20 ng/mL recombinant human Fas Ligand.

Purity

> 85 % 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

Val 30

Molecular Mass

The recombinant human DCR3/Fc is a disulfide-linked homodimer. The reduced monomer comprises 508 amino acids and has a predicted molecular mass of 56.4 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, pH 7.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

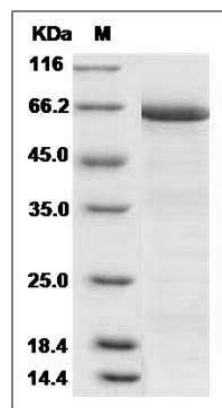
Storage

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 DCR3 / TNFRSF6B Protein (Fc Tag) SDS-PAGE