

Human CD27 (Fc Tag) recombinant protein



Catalog Number: 503151

General Information

Gene Name Synonym

CD27L receptor; T-cell activation antigen CD27; T14; Tumor necrosis factor receptor superfamily member 7

Protein Construction

A DNA sequence encoding the human CD27 (P26842) (Met1-Ile192) was expressed, fused with the Fc region of rabbit IgG at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized human CD27-his (Cat:503151) at 10 µg/mL (100 µl/well) can bind biotinylated human CD70-Fc (Cat:502332). The EC_{50} of biotinylated human CD70-Fc (Cat:502332) is 95-150 ng/mL.

Purity

> 95 % 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

Ala 20

Molecular Mass

The recombinant human CD27/rFc is a disulfide-linked homodimer. The reduced monomer comprises 396 amino acids and has a predicted molecular mass of 44.4 kDa. The apparent molecular mass of the protein is approximately 63 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

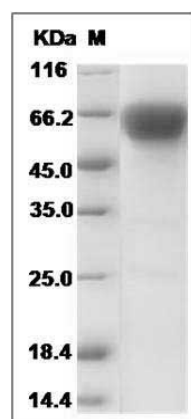
Storage

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 CD27 / TNFRSF7 Protein (Fc Tag) SDS-PAGE