

Rat CD153/CD30L/TNFSF8 (Fc Tag) recombinant protein



Catalog Number: 504724

General Information

Protein Construction

A DNA sequence encoding the rat TNFSF8 (Gln66-Asp237) was expressed with Fc region of human IgG1 at the N-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Immobilized rat S4-Fc3L3-TNFSF8 at 10 µg/ml (100 µl/well) can bind biotinylated human CD30-Fch (Cat:504541), The EC₅₀ of biotinylated human CD30-Fch (Cat:504541) is 8.3-19.3 ng/ml.

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°C

Predicted N terminal

Glu

Molecular Mass

The recombinant rat TNFSF8 comprises 432 amino acids and predicts a molecular mass of 47.9 kDa. The apparent molecular mass of the recombinant protein is approximately 58 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

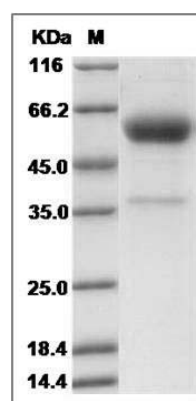
Store it under sterile conditions at -20°C to -80°C.

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



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SDS-PAGE