Rat 4-1BBL / CD137L (Fc Tag) recombinant protein

Catalog Number: 503740

General Information

Gene Name Synonym

Tumor necrosis factor (Ligand) superfamily, member 9; Tumor necrosis factor ligand superfamily member 9; Tumor necrosis factor superfamily member 9

Protein Construction

A DNA sequence encoding the rat TNFSF9 (Q80WE6) (Pro106-Gly308) was expressed, fused with Fc region of human IgG1 at the N-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.
Immobilized canine TNFRSF9-His (Cat:504828) at 10 μg/ml (100 μl/well) can bind rat Fc-TNFSF9, The EC_{50} of rat Fc-TNFSF9 is 0.26-0.62 μg/ml.

Purity

> 96 % 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

Glu

Molecular Mass

The recombinant rat TNFSF9 comprises 463 amino acids and predicts a molecular mass of 50.9 kDa. The apparent molecular mass of the recombinant protein is approximately 61 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

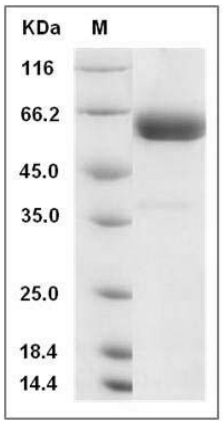
Storage

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



Rat 4-1BBL / CD137L / TNFSF9 Protein (Fc Tag) SDS-PAGE