

Mouse REG3D (His Tag) recombinant protein



Catalog Number: 500072

General Information

Gene Name Synonym

Reg III delta; Reg3d protein; Regenerating islet-derived 3 delta, isoform CRA_a

Protein Construction

A DNA sequence encoding the mouse REG3D isoform 1 (NP_038921.2) extracellular domain (Met 1-Gly 175) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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 27

Molecular Mass

The secreted recombinant mouse REG3D comprises 160 amino acids and has a predicted molecular mass of 18.5 kDa. rmREG3D migrates as an approximately 17 kDa band 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

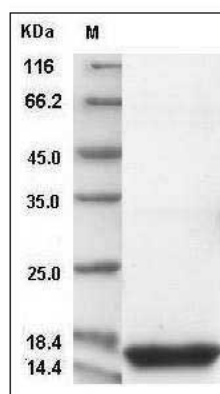
Storage

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



Mouse REG3D Protein (His Tag) SDS-PAGE