

Mouse LRPAP1 (His Tag) recombinant protein



Catalog Number: 501856

General Information

Gene Name Synonym

Heparin-binding protein 44; Low density lipoprotein receptor-related protein-associated protein 1

Protein Construction

A DNA sequence encoding the mature form of mouse LRPAP1 (NP_038615.2) extracellular domain (Gln 29-Leu 360) was fused with a signal peptide at the N-terminus and a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse LRPAP1 at 0.5 µg/ml can bind human VLDLR with a linear range of 1.28-32 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

Gln 29

Molecular Mass

The recombinant mouse LRPAP1 comprises 343 amino acids with a predicted molecular mass of 40.4 kDa. As a result of glycosylation, it migrates as an approximately 46 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

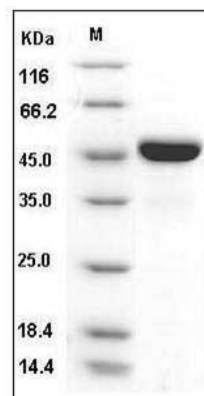
Storage

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 LRPAP1 / RAP Protein (His Tag) SDS-PAGE