

Recombinant Mouse Alpha-2-MRAP/LRPAP1 Protein

Catalog No.: RP01549 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16976	P55302

Tags

C-His

Synonyms

A2MRAP;A2RAP;alpha-2-MRAP;HBP44;MRAP;MYP23;RAP;LRPAP1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
39.84 kDa	45-50 kDa

Endotoxin

<0.1EU/μg


Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

This protein that interacts with the low density lipoprotein (LDL) receptor-related protein and facilitates its proper folding and localization by preventing the binding of ligands.

Basic Information

Description

Recombinant Mouse Alpha-2-MRAP/LRPAP1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln29-Leu360) of mouse Alpha-2-MRAP/LRPAP1 (Accession #NP_038615.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

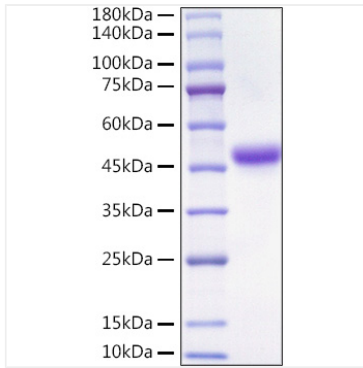
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse Alpha-2-MRAP/LRPAP1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50kDa.