

Mouse ECM1 (His Tag) recombinant protein



Catalog Number: 501414

General Information

Gene Name Synonym

Secretory component p85

Protein Construction

A DNA sequence encoding the mouse ECM1 isoform 1 (Q61508-1) (Met 1-Glu 559) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind human MMP-9 in a functional ELISA.

Purity

> 88 % 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

Ala 20

Molecular Mass

The secreted recombinant mouse ECM1 comprises 551 amino acids and has a predicted molecular mass of 62.5 kDa. As a result of glycosylation, the apparent molecular mass of rm ECM1 is approximately 90-95 kDa 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

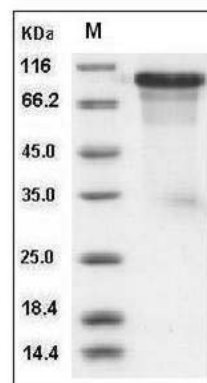
Storage

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 ECM1 Protein (His Tag) SDS-PAGE