Mouse OMGP (aa 1-245, His Tag) recombinant protein

Catalog Number: 500284



General Information

Protein Construction

A DNA sequence encoding the amino acids (Met 1-Thr 245) of mouse OMGP (Q63912) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

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 $^{\circ}$ C

Predicted N terminal

Ile 25

Molecular Mass

The secreted recombinant mouse OMGP (aa 1-245) comprises 232 amino acids and has a calculated molecular mass of 27 kDa. As a result of glycosylation, the recombinant protein migrates

as an approximately 44 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

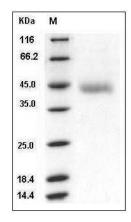
Storage

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 OMGP / OMG Protein (aa 1-245, His Tag) SDS-PAGE