

# Mouse Myelin oligodendrocyte glycoprotein (His Tag)



Catalog Number: 500725

## General Information

### Protein Construction

A DNA sequence encoding the mouse MOG (Q61885) extracellular domain (Gly 29-Thr 156) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant mouse MOG comprises 138 amino acids and migrates as an approximately 16 kDa band as predicted in SDS-PAGE under

reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 5.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

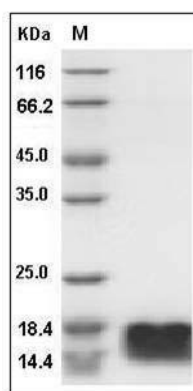
### Storage

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 MOG(aa30-149) Protein (His Tag) SDS-PAGE