

# Human Myelin oligodendrocyte glycoprotein (aa 30-149, His Tag)



Catalog Number: 502040

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain of human MOG (NP\_996532.2) (Gly 30-Tyr 149) was expressed, fused with a polyhistidine tag at the C-terminus and an additional Met at the N-terminus.

### Organism

Human

### 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 secreted recombinant human MOG comprises 127 amino acids with a predicted molecular mass

of 15 kDa. It migrates as an approximately 19 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

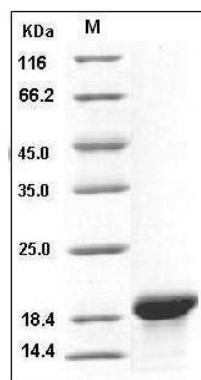
Store it under sterile conditions at -20°C to -80°C.

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



Human MOG Protein (aa 30-149, His Tag) SDS-PAGE