# Human GMPR / GMPR1 (His Tag) recombinant protein

Catalog Number: 504803



### **General Information**

# **Protein Construction**

A DNA sequence encoding the human GMPR (Met1-Ser345) was expressed with a polyhistidine tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

# **Purity**

> 85 % 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

His

# **Molecular Mass**

The recombinant human GMPR consists of 360 amino acids and predicts a molecular mass of 39.2 KDa. It migrates as an approximately 37 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 50mM Tris, 150mM NaCl, 40% Glycerol, 1mM DTT, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

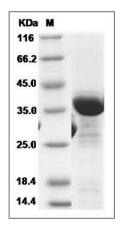
### Storage

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 GMPR / GMPR1 Protein (His Tag) SDS-PAGE