# Human RGS1/1R20 (His Tag) recombinant protein

Catalog Number: 502848



## **General Information**

#### **Protein Construction**

A DNA sequence encoding the human RGS1 (NP\_002913.3) (Met1-Lys196) was expressed with a polyhistidine tag at the N-terminus.

## **Organism**

Human

## **Expression Host**

E. coli

# **QC Testing**

## **Purity**

> 90 % 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 RGS1 consists of 214 amino acids and predicts a molecular mass of 24.7 kDa. It migrates as an approximately 28 kDa band

in SDS-PAGE under reducing conditions.

## **Formulation**

Lyophilized from sterile 50 mM Tris, 200 mM NaCl, pH 8.5.

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

# **Usage Guide**

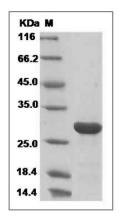
## **Storage**

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**



Human RGS1 Protein (His Tag) SDS-PAGE