

Human GBP1 (His Tag) recombinant protein



Catalog Number: 500896

General Information

Gene Name Synonym

GTP-binding protein 1; Guanine nucleotide-binding protein 1

Protein Construction

A DNA sequence encoding the human GBP1 (AAA35871.1) (Met 1-Cys 589) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Met 1

Molecular Mass

The recombinant human GBP1 comprises 600 amino acids and has a predicted molecular mass of 69 kDa. rhGBP1 migrates as an approximately 65 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

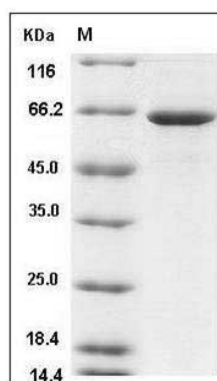
Storage

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 GBP1 Protein (His Tag) SDS-PAGE