

Human IMP1 / IMPA1 (His Tag) recombinant protein



Catalog Number: 501872

General Information

Gene Name Synonym

D-galactose 1-phosphate phosphatase; Inositol-1(or 4)-monophosphatase 1; Lithium-sensitive myo-inositol monophosphatase A1

Protein Construction

A DNA sequence encoding the human IMPA1 (P29218-1) (Met1-Asp277) 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 IMPA1 consists of 295 amino acids and predicts a molecular mass of 32.4 KDa. It migrates as an approximately 32 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, 10 % glycerol, 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

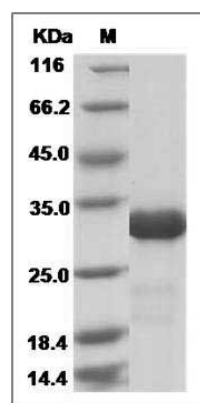
Storage

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



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