

Human PRL-2/PTP4A2 (GST Tag) recombinant protein



Catalog Number: 501934

General Information

Gene Name Synonym

HU-PP-1; OV-1; PTP(CAAXII); Protein-tyrosine phosphatase 4a2; Protein-tyrosine phosphatase of regenerating liver 2

Protein Construction

A DNA sequence encoding the human PTP4A2 isoform 1 (Q12974-1) (Asn 2-Gln 167) was fused with the GST 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

Met

Molecular Mass

The recombinant human PTP4A2/GST chimera

consists of 397 amino acids and has a predicted molecular mass of 45.9 kDa. It migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 0.15M NaCl, 1mM GSH, pH 7.3

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

Usage Guide

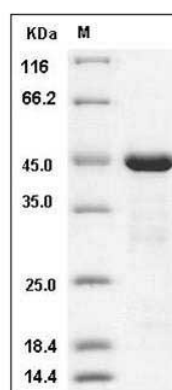
Storage

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 PRL-2 / PTP4A2 Protein (GST Tag) SDS-PAGE