

Mouse HPGD/15-PGDH (His Tag) recombinant protein



Catalog Number: 501534

General Information

Gene Name Synonym

Prostaglandin dehydrogenase 1

Protein Construction

A DNA sequence encoding the mouse HPGD (Q8VCC1) (Met 1-Ser 269) was expressed, with a polyhistide tag at the C-terusmin.

Organism

Mouse

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to bind Rhesus ErbB3-His (Cat: 504642) in functional Elisa.

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 1

Molecular Mass

The recombinant mouse HPGD consisting of 279 amino acids and has a calculated molecular mass of 30.6 kDa. rmHPGD migrates as an approximately 30 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile PBS, pH 8.0, 20% glycerol
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

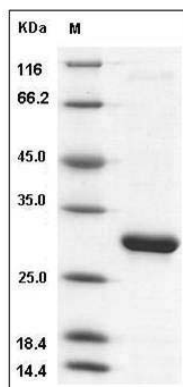
Storage

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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