

Human PGD2 / PGDS (His Tag) recombinant protein



Catalog Number: 501163

General Information

Gene Name Synonym

GST class-sigma; Glutathione S-transferase;
Glutathione-dependent PGD synthase;
Glutathione-requiring prostaglandin D synthase;
Prostaglandin-H2 D-isomerase

Protein Construction

A DNA sequence encoding the human PGDS (O60760) (Met1-Leu199) was expressed with a polyhistidine tag at the C-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 PGDS consists of 205 amino acids and predicts a molecular mass of 24.2 KDa. It migrates as an approximately 25-29 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

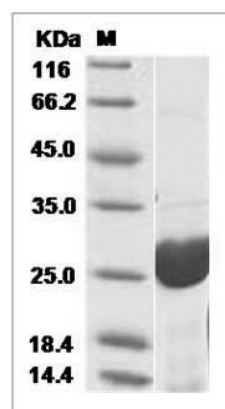
Storage

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



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SDS-PAGE