# **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 polyhistide 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**

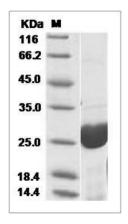
## **Storage**

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**



Human PGD2 / PGDS / HPGDS Protein (His Tag) SDS-PAGE