

## Active Recombinant Human HPGDS Protein, His-tagged

Cat. No. HPGDS-1007H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HPGDS (Accession # O60760) Met1-Leu199, fused with a C-terminal 6-His tag, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Leu199
<b>Predicted N Terminal</b>	Pro2
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by the conjugation of reduced glutathione to 1-bromo-2,4-dinitrobenzene. The specific activity is >650 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human HPGDS, His-tagged has a calculated MW of 24 kDa. In SDS-PAGE migrates as 24-26 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months (-70°C).

## GENE INFORMATION

**Gene Name** HPGDS hematopoietic prostaglandin D synthase [ Homo sapiens ]

**Official Symbol** HPGDS

**Synonyms** HPGDS; hematopoietic prostaglandin D synthase; glutathione S transferase sigma; GSTS; H PGDS; PGDS; GST class-sigma; prostaglandin-H2 D-isomerase; glutathione S-transferase sigma; glutathione-dependent PGD synthase; glutathione-dependent PGD synthetase; hematopoietic prostaglandin D2 synthase; glutathione-requiring prostaglandin D synthase;

**Gene ID** 27306

**mRNA Refseq** NM\_014485

**Protein Refseq** NP\_055300

**MIM** 602598

**UniProt ID** O60760

**Chromosome Location** 4q22.2

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