

Active Recombinant Human HPGDS Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human HPGDS (Accession # O60760) Met1-Leu199, fused with a C-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu199
Predicted N Terminal	Pro2
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by the conjugation of reduced glutathione to 1-bromo-2,4-dinitrobenzene. The specific activity is >650 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human HPGDS, His-tagged has a calculated MW of 24 kDa. In SDS-PAGE migrates as 24-26 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	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

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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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