

Recombinant Human HPGDS Protein (M1-L199), Tag Free

Cat. No. HPGDS-0141H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-HPGDS(M1-L199 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-L199
Description	Bifunctional enzyme which catalyzes both the conversion of PGH2 to PGD2, a prostaglandin involved in smooth muscle contraction/relaxation and a potent inhibitor of platelet aggregation, and the conjugation of glutathione with a wide range of aryl halides and organic isothiocyanates. Also exhibits low glutathione-peroxidase activity towards cumene hydroperoxide.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	HPGDS hematopoietic prostaglandin D synthase [Homo sapiens (human)]
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Official Symbol	HPGDS
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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;
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Gene ID	27306
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mRNA Refseq	NM_014485
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Protein Refseq	NP_055300
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MIM	602598
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UniProt ID	O60760
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