

Recombinant Human HPGDS Protein

Cat. No. HPGDS-314H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human HPGDS was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| Description | Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH ₂ to PGD ₂ and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. |
| Form | Supplied as a 0.2 μM filtered solution of 20mM Tris, 200mM NaCl, pH 7.0 |
| Molecular Mass | 23.6kD |
| AA Sequence | GSHMPNYKLTYFNMRGRAEIIRYIFAYLDIQYEDHRIEQADWPEIKSTLPFGKPILEVD GLTLHQSLAIARYLTKNTDLAGNTEMEQCHVDAIVDTLDDFMSCFPWAEKKQDVKE QMFNELLTYNAPHLMQDLDTYLGGREWLIGNSVTWADFYWEICSTLLLVFKPDLDD NHPRLVTLRKKVQAIPAVANWIKRRPQTKL |
| Endotoxin | Endotoxin level is <0.1 ng/g of protein (<1EU/g). |
| Purity | >95% as determined by SDS-PAGE and Coomassie blue staining |

GENE INFORMATION

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



| | |
|------------------------|--|
| 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 |

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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