

## Product datasheet for **TP720914**

### HPGDS (NM\_014485) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human hematopoietic prostaglandin D synthase (HPGDS)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Leu199
Tag:	Tag Free
Predicted MW:	23.6 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055300</a>
Locus ID:	27306
UniProt ID:	<a href="#">O60760</a> , <a href="#">A0A384P5J0</a>
RefSeq Size:	1615
Cytogenetics:	4q22.3
RefSeq ORF:	597
Synonyms:	GSTS; GSTS1; GSTS1-1; PGD2; PGDS
Summary:	Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 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. [provided by RefSeq, Jul 2008]
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways



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