

Hematopoietic prostaglandin D synthase

Catalog No: #AP79067



Package Size: #AP79067-1 50ug #AP79067-2 100ug #AP79067-3 1mg

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Description

Product Name	Hematopoietic prostaglandin D synthase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	GSTS,PGDS,PTGDS2,2.5.1.18,GST class-sigma,Glutathione S-transferase,Glutathione-dependent PGD synthase,Glutathione-requiring prostaglandin D synthase,Prostaglandin-H2 D-isomerase
Accession No.	O60760Gene name:HPGDS
Uniprot	O60760
GeneID	27306;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

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Note: This product is for in vitro research use only