Recombinant Human Hematopoietic prostaglandin D synthase (HPGDS)

Product Code	CSB-EP017852HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O60760
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPNYKLTYFN MRGRAEIIRY IFAYLDIQYE DHRIEQADWP EIKSTLPFGK IPILEVDGLT LHQSLAIARY LTKNTDLAGN TEMEQCHVDA IVDTLDDFMS CFPWAEKKQD VKEQMFNELL TYNAPHLMQD LDTYLGGREW LIGNSVTWAD FYWEICSTTL LVFKPDLLDN HPRLVTLRKK VQAIPAVANW IKRRPQTKL
Source	E.coli
Target Names	HPGDS
Protein Names	Recommended name: Hematopoietic prostaglandin D synthase Short name= H-PGDS EC= 5.3.99.2 Alternative name(s): GST class-sigma Glutathione S-transferase EC= 2.5.1.18 Glutathione-dependent PGD synthase Glutathione-re
Expression Region	1-199
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.