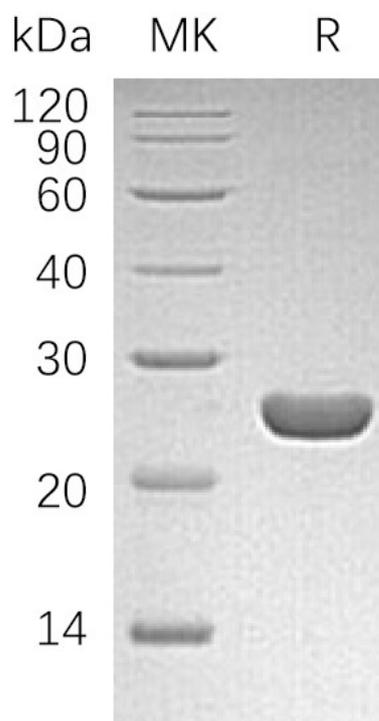

Summary

Name	Hematopoietic Prostaglandin D Synthase/Hpgds
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hematopoietic Prostaglandin D Synthase is produced by our E.coli expression system and the target gene encoding Met1-Leu199 is expressed.
Accession #	O60760
Host	E.coli
Species	Human
Predicted Molecular Mass	22.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, pH 7.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

Product Name: Recombinant Human PGDS
Catalog #: PEH0783



Alternative Names

Hematopoietic Prostaglandin D Synthase; H-PGDS; GST Class-Sigma; Glutathione S-Transferase; Glutathione-Dependent PGD Synthase; Glutathione-Requiring Prostaglandin D Synthase; Prostaglandin-H2 D-Isomerase; HPGDS; GSTS; PGDS; PTGDS2

Background

Hematopoietic Prostaglandin D Synthase (HPGDS) belongs to the GST superfamily and Sigma family. HPGDS contains one GST C-terminal domain and one GST N-terminal domain. HPGDS is highly expressed in adipose tissue, macrophages, and placenta, and it exists in the form of homodimer in living body. HPGDS is a cytosolic enzyme that isomerizes PGH₂. HPGDS is a bifunctional enzyme that catalyzes both the conversion of PGH₂ to PGD₂ and also shows low glutathione-peroxidase activity towards cumenehydroperoxide.

Note

For Research Use Only , Not for Diagnostic Use.