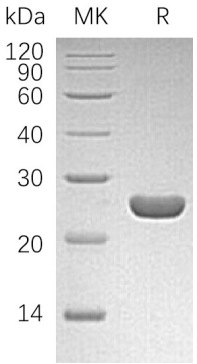
产品名称：Recombinant Human PGDS
产品货号：PEH0783

概述（Summary）

英文全称	Hematopoietic Prostaglandin D Synthase/Hpgds
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（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
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	22.3 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, pH 7.0.
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（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.
复溶（Reconstitution）	

电泳图（SDS-PAGE image）



背景（Background）

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分子别名（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
背景介绍（References）	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 PGH(2). HPGDS is a bifunctional enzyme that catalyzes both the conversion of PGH2 to PGD2 and also shows low glutathione-peroxidase activity towards cumenehydroperoxide.

注意事项（Note）

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