Recombinant Human PTGDS protein, His-tagged

Cat. No. PTGDS-2501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGDS protein(1-190 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-190 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MATHHTLWMGLALLGVLGDLQAAPEAQVSVQPNFQQDKFLGRWFSAGLASNSSW LREKKAALSMCKSVVAPATDGGLNLTSTFLRKNQCETRTMLLQPAGSLGSYSYRSP HWGSTYSVSVVETDYDQYALLYSQGSKGPGEDFRMATLYSRTQTPRAELKEKFTAF CKAQGFTEDTIVFLPQTDKCMTEQ
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

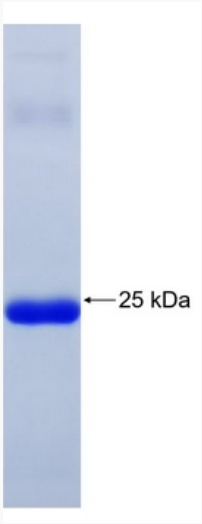
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	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PTGDS prostaglandin D2 synthase 21kDa (brain) [Homo sapiens]
Official Symbol	PTGDS
Synonyms	PTGDS; prostaglandin D2 synthase 21kDa (brain); prostaglandin D2 synthase (21kD, brain); prostaglandin-H2 D-isomerase; L PGDS; lipocalin type prostaglandin D synthase; PGDS; cerebrin-28; PGD2 synthase; beta-trace protein; prostaglandin D synthase; prostaglandin-D2 synthase; glutathione-independent PGD synthase; glutathione-independent PGD synthetase; lipocalin-type prostaglandin D synthase; lipocalin-type prostaglandin-D synthase; PDS; PGD2; LPGDS; PGDS2; L-PGDS;
Gene ID	5730
mRNA Refseq	NM_000954
Protein Refseq	NP_000945
MIM	176803
UniProt ID	P41222

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SDS-PAGE	

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