

Recombinant Human PTGDS protein, His-SUMO-tagged

Cat. No. PTGDS-3386H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGDS protein(P41222)(23-190aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-190aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.7 kDa
AA Sequence	APEAQVSVQPNFQQDKFLGRWFSAGLASNSSWLREKKAALSMCKSVVAPATDGGL NLTSTFLRKNQCETRTMLLQPAGSLGSYSYRSPHWGSTYSVSVVETDYDQYALLY QGSKGPGEDFRMATLYSRTQTPRAELKEKFTAFCQAQGFTEDTIVFLPQTDKCMTE Q
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

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%.

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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