

Prostaglandin D2 Synthase Recombinant Protein | PTGDS recombinant protein

Recombinant Human Prostaglandin D2 Synthase

CATALOG #
AAA38975

PRODUCT SYNONYMS

Prostaglandin D2 Synthase; Recombinant Human Prostaglandin D2 Synthase; PTGDS Human; Prostaglandin D2 Synthase Human Recombinant; Prostaglandin-H2 D-isomerase; Beta-trace protein; Cerebrin-28; Glutathione-independent PGD synthase; Lipocalin-type prostaglandin-D synthase; Prostaglandin-D2 synthase; PGD2 synthase; PGDS; PGDS2; PTGDS; PDS; PGD2; LPGDS; L-PGDS; PTGDS recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	(1 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol, 1mM EDTA and 0.1M NaCl
Sequence	MGSSHHH HHHSSGLVPR GSHMAP EAQVSVQPNF QQDKFLGRWF SAGLASNSSW LREKKAALSM CKSVVAPATD GGLNLTSTFL RKNQCETRTM LLQPAGSLGS YSYRSPHWGS TYSVSVVETD YDQYALLYSQ GSKGPGEDFR MATLYSRTQT PRAELKEKFT AFCKAQGFTE DTIVFLPQTD KCMTEQ
Sequence Length	190
Source	E.coli
Physical Appearance	Sterile filtered colorless solution
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PTGDS recombinant protein	Description: PTGDS produced in E Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (23-190 a.a.) and having a molecular mass of 20.9kDa. PTGDS is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for PTGDS recombinant protein	Enzymes; Synthase

NCBI AND UNIPROT INFORMATION

NCBI GI #	32171249
NCBI GeneID	5730
NCBI Accession #	NP_000945.3
NCBI GenBank Nucleotide #	NM_000954.5
UniProt Accession #	P41222; Q5SQ10; Q7M4P3; Q9UC22; Q9UCC9; Q9UCD9; B2R727
NCBI Official Full Name	prostaglandin-H2 D-isomerase
NCBI Official Synonym Full Names	prostaglandin D2 synthase 21kDa (brain)
NCBI Official Symbol	PTGDS
NCBI Official Synonym Symbols	PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS

NCBI Protein Information	prostaglandin-H2 D-isomerase; PGD2 synthase; beta-trace protein; cerebrin-28; glutathione-independent PGD synthase; glutathione-independent PGD synthetase; lipocalin-type prostaglandin D synthase; lipocalin-type prostaglandin-D synthase; prostaglandin-D2 synthase
UniProt Protein Name	Prostaglandin-H2 D-isomerase
UniProt Gene Name	PTGDS
UniProt Synonym Gene Names	PDS; PGD2 synthase; PGDS; PGDS2
UniProt Entry Name	PTGDS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ptgds-recombinant-protein/38975>