

Human PTGDS Recombinant Protein



RPPB2219

Product Information Protein Information

Product SKU:

RPPB2219

Accession:

P41222

Host:

Escherichia Coli.

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.

Appearance:

Sterile filtered colorless solution.

Synonyms:

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.

Formulation:

PTGDS solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol, 1mM EDTA and 0.1M NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MAPEAQVSVQ PNFQQDKFLG RWFSAGLASN SSWLREKKAA LSMCKSVVAP
ATDGGLNLTS TFLRKNQCET RTMLLPAGS LGSYSYRSPH WGSTYSVSVV ETDYDQYALL YSQGSKGPGE
DFRMTLYSR TQTPRAELKE KFTAFCKAQG FTEDTIVFLP QTDKCMTEQ.