

Human HPGDS Recombinant Protein



RPPB5816

Product Information Protein Information

Product SKU:

RPPB5816

Accession:

O60760

Host:

Escherichia Coli.

Protein description:

HPGDS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 223 amino acids (1-199 a.a.) and having a molecular mass of 25.9kDa. HPGDS is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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, PTGDS2GSTS, PGD2, GSTS1-1.

Formulation:

HPGDS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.15M NaCl and 1mM DTT.

Purity:

Greater than 95.0% 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 SGLVPRGSH MGSHPNYKL TYFNMRGRAE IIRYIFAYLD IQYEDHRIEQ ADWPEIKSTL
PFGKPILEV DGLTLHQSLA IARYLTKNTD LAGNTEMEQC HVDAIVDTLD DFMSCFPWAE KKQDVKEQMF
NELLYNAPH LMQDLDTYLG GREWLIGNSV TWADFYWEIC STLLLVFKPD LLDNHPRLVT LRKKVQAIPA
VANWIKRRPQ TKL.