

PTGDS Protein, Human (HEK293, C-His)

Cat. No.:	HY-P71242A
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
Species:	Human
Source:	HEK293
Accession:	P41222 (A23-Q190)
Gene ID:	5730
Molecular Weight:	Approximately 21 kDa

PROPERTIES

AA Sequence	<p>A P E A Q V S V Q P N F Q Q D K F L G R W F S A G L A S N S S W L R E K K A A L</p> <p>S M C K S V V A P A T D G G L N L T S T F L R K N Q C E T R T M L L Q P A G S L</p> <p>G S Y S Y R S P H W G S T Y S V S V V E T D Y D Q Y A L L Y S Q G S K G P G E D</p> <p>F R M A T L Y S R T Q T P R A E L K E K F T A F C K A Q G F T E D T I V F L P Q</p> <p>T D K C M T E Q</p>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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