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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTGDS (Human) Recombinant Protein (P01)

Catalog Number: H00005730-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTGDS full-length ORF (AAH05939, 1 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MATHHTLWMGLALLGVLGDLQAAPEAQVSVQPNFQQ
DKFLGRWFSAGLASNSSWLREKKAALSMCKSVVAPA
TDGGLNLTSTFLRKNQCETRTMLLQPAGSLGSYSYRS
PHWGSTYSVSVVETDYDQYALLYSQGSKGPGEDFRM
ATLYSRTQTPRAELKEKFTAFCKAQGFTEDTIVFLPQT
DKCMTEQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 46.64

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5730

Gene Symbol: PTGDS

Gene Alias: LPGDS, PDS, PGD2, PGDS, PGDS2

Gene Summary: The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H2 (PGH2) to postaglandin D2 (PGD2). PGD2 functions as a neuromodulator as well as a trophic factor in the central nervous system. PGD2 is also involved in smooth muscle contraction/relaxation and is a potent inhibitor of platelet aggregation. This gene is preferentially expressed in brain. Studies with transgenic mice overexpressing this gene suggest that this gene may be also involved in the regulation of non-rapid eye movement sleep. [provided by RefSeq]