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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTGIS (Human) Recombinant Protein (Q01)

Catalog Number: H00005740-Q01

Regulation Status: For research use only (RUO)

Product Description: Human PTGIS partial ORF (NP_000952, 391 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

PQRDPEIYTDPEVFKYNRFLNPDGSEKKDFYKDGKRL
KNYNMPWGAGHNHCLGRSYAVNSIKQFVFLVLVHLDL
ELINADVEIPEFDLSRYGFLMQPEHDVPRVYRIRP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.84

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: 5740

Gene Symbol: PTGIS

Gene Alias: CYP8, CYP8A1, MGC126858, MGC126860, PGIS, PTGI

Gene Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism

and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to prostacyclin (prostaglandin I2), a potent vasodilator and inhibitor of platelet aggregation. An imbalance of prostacyclin and its physiological antagonist thromboxane A2 contribute to the development of myocardial infarction, stroke, and atherosclerosis. [provided by RefSeq]