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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTGER1 (Human) Recombinant Protein (P01)

Catalog Number: H00005731-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTGER1 full-length ORF (NP_000946.2, 1 a.a. - 402 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSPCGPLNLSLAGEATTCAAPWVPNTSAVPPSGASPA
LPIFSMTLGAVSNLLALALLAQAAGRLRRRRSAATFLLF
VASLLATDLAGHVIPGALVLRLYTAGRAPAGGACHFLG
GCMVFFGLCPDLLGCGMAVERCVGVTPLLAARVSV
ARARLALAAVAVALAVALLPLARVGRYELQYPGTWC
FIGLGPPGGWRQALLAGLFASLGLVALLAALVCNTLSG
LALLRARWRRRSRRPPPASGPDSRRRWGAHGPRSA
SASSASSIASASTFFGGSRSSGSARRARAHDEMVGQ
LVGIMVVSCICWSPMLVLVALAVGGWSSTSLQRPLFLA
VRLASWNQILDWPVYILLRQAVLRQLLRLLPPRAGAKG
GPAGLGLTPSAWEASSLRSSRHSGLSHF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.2

Interspecies Antigen Sequence: Mouse (83); Rat (83)

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: 5731

Gene Symbol: PTGER1

Gene Alias: EP1

Gene Summary: The protein encoded by this gene is a member of the G protein-coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). Through a phosphatidylinositol-calcium second messenger system, G-Q proteins mediate this receptor's activity. Knockout studies in mice suggested a role of this receptor in mediating algisia and in regulation of blood pressure. Studies in mice also suggested that this gene may mediate adrenocorticotrophic hormone response to bacterial endotoxin. [provided by RefSeq]