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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTGDR (Human) Recombinant Protein (P01)

Catalog Number: H00005729-P01

Regulation Status: For research use only (RUO)

Product Description: Human PTGDR full-length ORF (AAH40968, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKSPFYRCQNTTSVEKGNSAVMGGVLFSTGLLGNNLLA
LGLLARSGLGWCSRRLRPLPSVFYMLVCGLTVTDLL
GKCLLSPVVLAAYAQNRSRLVLPALDNSLCQAFAFF
MSFFGLSSTLQLLAMALECWLSLGHPPFFYRRHITLRLG
ALVAPVVSFAFLAFCALPFMGFGKFVQYCPGTWCIFIQ
MVHEEGSLSVLGYSVLYSSLMALLVLATVLCNLGAMR
NLYAMHRRRLQRHPRSTRDCAEPRADGREASPQPLE
ELDHLALLALMTVLFTMCSLPVIYRAYYGAFKDVKEKN
RTSEEAEDLRALRFLSVISIVDPWIFIIFRSPVFRIFHFKI
FIRPLRYRSRCSNSTNMESSL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.23

Interspecies Antigen Sequence: Mouse (73); Rat (76)

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: 5729

Gene Symbol: PTGDR

Gene Alias: AS1, ASRT1, DP, DP1, MGC49004

Gene Summary: The protein encoded by this gene is a G-protein-coupled receptor. It has been shown to function as a prostanoid DP receptor. The activity of this receptor is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca²⁺. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD2), functions as a mast cell-derived mediator to trigger asthmatic responses. [provided by RefSeq]