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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GRPR (Human) Recombinant Protein (P01)

Catalog Number: H00002925-P01

Regulation Status: For research use only (RUO)

Product Description: Human GRPR full-length ORF (NP_005305.1, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALNDCFLLNLEVDHFMHCNISSHSADLPVNDWWSHP
GILYVIPAVYGVIIIGLIGNITLIKIFCTVKSMRNVNLFIS
SLALGDLILLITCAPVDASRYLADRWLFGRIKCLIPFIQ
LTSVGVSVFTLTALSADRYKAIVRPMDIQASHALMKICL
KAAFIWIISMLLAPEAVFSDLHPFHEESTNQTFISCAPY
PHSNELHPKIHSMASFLVFYVIPLSIISVYVYFIKNIQS
AYNLPVEGNIHVKKQIESRKRKLAKTVLVFGVGLFAFCWL
PNHVIYLYRSYHYSEVDTSMLHFVTSICARLLAFTNSC
VNPFALYLLSKSFRKQFNTQLLCCQPGLIIRSHSTGRS
TTCMTSLKSTNPSVATFSLINGNICHERYV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 69.6

Interspecies Antigen Sequence: Mouse (90); Rat (90)

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: 2925

Gene Symbol: GRPR

Gene Alias: -

Gene Summary: Gastrin-releasing peptide (GRP) regulates numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation and is a potent mitogen for neoplastic tissues. The effects of GRP are mediated through the gastrin-releasing peptide receptor. This receptor is a glycosylated, 7-transmembrane G-protein coupled receptor that activates the phospholipase C signaling pathway. The receptor is aberrantly expressed in numerous cancers such as those of the lung, colon, and prostate. An individual with autism and multiple exostoses was found to have a balanced translocation between chromosome 8 and a chromosome X breakpoint located within the gastrin-releasing peptide receptor gene. [provided by RefSeq]