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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GRP (Human) Recombinant Protein (P01)

Catalog Number: H00002922-P01

Regulation Status: For research use only (RUO)

Product Description: Human GRP full-length ORF (AAH04488, 1 a.a. - 148 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRGRELPLVLLALVLCLAPRGRAVPLPAGGGTVLTKM
YPRGNHWAVGHLMGKKSTGESSVSEKSLKQQLRE
YIRWEEAARNLLGLIEAKENRNHQPPQPKALGNQQPS
WDSSEDSSNFKDVGSKGKVGRLSAPGSQREGRNPQL
NQQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.02

Interspecies Antigen Sequence: Mouse (64); Rat (68)

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: 2922

Gene Symbol: GRP

Gene Alias: BN, GRP-10, preproGRP, proGRP

Gene Summary: This gene encodes a member of the

bombesin-like family of gastrin-releasing peptides. Its preproprotein, following cleavage of a signal peptide, is further processed to produce either the 27 aa gastrin-releasing peptide or the 10 aa neuromedin C. These smaller peptides regulate numerous functions of the gastrointestinal and central nervous systems, including release of gastrointestinal hormones, smooth muscle cell contraction, and epithelial cell proliferation. These peptides are also likely to play a role in human cancers of the lung, colon, stomach, pancreas, breast, and prostate. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]