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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GRN (Human) Recombinant Protein (P01)

Catalog Number: H00002896-P01

Regulation Status: For research use only (RUO)

Product Description: Human GRN full-length ORF (NP_002078.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWTLVSWVALTAGLVAGTRCPDGQFCPVACCLDPGG
ASYSCCRPLLDKWPTTLRHLGGPCQVDAHCSAGHS
CIFTVSGTSSCCPFPEAVACGDGHHCCPRGFHCSAD
GRSCFQRSGNNSVGAIQCPDSQFECPDFSTCCVMVD
GSWGCCPMPQASCCEDRVHCCPHGAFCDLVHTRCIT
PTGTHPLAKKLPARTNRAVALSSVMCPDARSRCPD
GSTCCELPSPGKYGCCPMPNATCCSDHLHCCPQDTVC
DLIQSKCLSKENATDLLTKLPAHTVGDVKCDMEVSCP
DGYTCCRLQSGAWGCCPFTQAVCCEDHIHCCPAGFT
CDTQKGTCQGPVQVPWMEKAPAHLSLPDPQALKRD
VPCDNVSSCPSSDTCCQLTSGEWGCCPIPEAVCCSD
HQHCCPQGYTCVAEQCQRGSEIVAGLEKMPARRAS
LSHPRDIGCDQHTSCPVGQTCCPSLGGSWACCQLPH
AVCCEDRQHCCPAGYTCNVKARSCEKEVVSAPATF
LARSHPVGVKDVECGEGHFCHDNQTCCRDNRQGWA
CCPYRQGVCCADRRHCCPAGFRCAARGTKCLREAP
RWDAPLRDPALRQLL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.9

Interspecies Antigen Sequence: Rat (75)

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: 2896

Gene Symbol: GRN

Gene Alias: GEP, GP88, PCDGF, PEPI, PGRN

Gene Summary: Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis. [provided by RefSeq]