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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PAM (Human) Recombinant Protein (P01)

Catalog Number: H00005066-P01

Regulation Status: For research use only (RUO)

Product Description: Human PAM full-length ORF (AAH18127, 1 a.a. - 866 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAGRVPSSLVLLVFPSSCLAFRSPLSVFKRFKETTTPF
SNECLGTTTRPVVPIDSSDFALDIRMPGVTPKQSDTYFC
MSMRIPVDEEAFVIDFKPRASMDTVHHMLLFGCNMPS
STGSYWFCDEGTCTDKANILYAWARNAPPTRLPKGV
GFRVGGETGSKYFVLQVHYGDISAFRDNKDCSGVSL
HLTRLPLQPLIAGMYLMMSVDTVIPAGEKVVNSDISCHY
KNYPMHVFAYRVHTHHLGKVVSGYRVRNGQWTLIGR
QSPQLPQAFYFVGHVPDVSFGDLLAARCFTGEGRTE
ATHIGGTSSDEMCNLYIMYYMEAKHAVSFMTCTQNV
PDMFRTIPPEANIPIPVKSDMVMMEHEHHEKETEYKDKIP
LLQQPKREEEEVLDQDFHMEALDWPGVYLLPGQVS
GVALDPKNNLVIFHRGDHVDGNSFDSKFVYQQIGLG
PIEEDTILVIDPNNAAVLQSSGKNLFYLPGLSIDKDGN
YWVTDVALHQVFKLDPNNKEGPVLILGRSMQPGSDQ
NHFCQPTDVAVDPGTGAIYVSDGYCNSRIVQFSPSGK
FITQWGEESGSSPLPGQFTVPHSLALVPLLGLQCV
DRENGRIQCFTDTEKFVREIKHSSFGRNVFAISYIPGL
LFAVNGKPHFGDQEPVQGFVMNFSNGEIIDIFKPV
RKHFDMPHDIVASEDGTVYIGDAHTNTVWKFTL
TEKLEHRSVKKAGIEVQEIKEAEAVVETK
MENKPTSSSELQKMQEKQKLIKEPGSGVP
VLLITLLVIPVVLLAIAIFIRWKKSR
AFGDSEHKLETSSGRVLGRFRGKSGGLNLGNFFASR
KGYSRKGFDRLSTEGSDQEKEDDGSESEEEYSAPLP
ALAPSSS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 120.89

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: 5066

Gene Symbol: PAM

Gene Alias: PAL, PHM

Gene Summary: This gene encodes a multifunctional protein. It has two enzymatically active domains with catalytic activities - peptidylglycine alpha-hydroxylating monooxygenase (PHM) and peptidyl-alpha-hydroxyglycine alpha-amidating lyase (PAL). These catalytic domains work sequentially to catalyze neuroendocrine peptides to active alpha-amidated products. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene but some of their full length sequences are not yet known. [provided by RefSeq]