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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CAPN5 (Human) Recombinant Protein (P01)

Catalog Number: H00000726-P01

Regulation Status: For research use only (RUO)

Product Description: Human CAPN5 full-length ORF (NP_004046.2, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFSCVKPYEDQNYSALRRDCRRRKVLFEDPLFPATDD
SLYYKGTGPAVRWKRPKGICEDPRLFVDGISSHDLH
QGQVGNCFVAACSSLASRESLWQKVIPDWKEQEW
DPEKPNAYAGIFHFHFWRFGEWVDVVIDDLPTVNNQ
LIYCHSNSRNEFWCALVEKAYAKLAGCYQALDGGNTA
DALVDFTGGVSEPIDLTEGDFANDETKRNQLFERMLK
VHSRGGGLISASIKAVTAADMEARLACGLVKGHAYAVTD
VRKVRLGHGLLAFFKSEKLDMIRLRNPWGEREWNGP
WSDTSEEWQKVSKSEREKMGVTVQDDGEFWMTFED
VCRYFTDIKCRVINTSHLSIHKTWEEARLHGAWTLHED
PRQNRGGGCINHKDFFFQNPQYIFEVKKPEDEVLCIQ
QRPKRSTRREGKGENLAIGFDIYKVEENRQYRMHSLQ
HKAASSIYINSRSVFLRTDQPEGRYVIIPTTFEPGHTGE
FLLRVFTDVPSNCRELRLDEPPHTCWSSLCGYPQLVT
QVHVLGAAGLKDSPTGANSYVIKCEGDKVRSVAVQKG
TSTPEYNVKGIFYRKKLSQPITVQVWVWHRVVKDEFGLGQ
VHLKADPDNLQALHTLHLRDRNSRQPSNLPGTAVAVHIL
SSTSLMAV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 99.6

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: 726

Gene Symbol: CAPN5

Gene Alias: FLJ46245, HTRA3, nCL-3

Gene Summary: Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to *Caenorhabditis elegans* sex determination gene *tra-3*, CAPN5 is also called as HTRA3. [provided by RefSeq]