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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CAPN3 (Human) Recombinant Protein (P01)

Catalog Number: H00000825-P01

Regulation Status: For research use only (RUO)

Product Description: Human CAPN3 full-length ORF (AAH03169, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHGKQHLQKDFFLYNASKARSKTYINMREVSQRFRL
PPSEYVIVPSTYEPHQEGEFILRVFSEKRNLSSEVENTI
SVDRPVKKKTKPIIFVSDRANSNKGVDQSEEGKG
KTSPDKQKQSPQPGSSDQSEEQQFRNIFKQIAG
DDMEICADELKVLNTVVNKHKDLKTHGFTLESCRSMI
ALMDTDGSGKLNLEFHHLWNIKAWQKIFKHYYTDQ
SGTINSYEMRNAVNDAGFHLNQLYDIITMRYADKHM
NIDFDSFICCFVRLEGMFRAFHFADKGDGDIKLVLE
WLQLTMYA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 59.62

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: 825

Gene Symbol: CAPN3

Gene Alias: CANP3, CANPL3, LGMD2, LGMD2A,

MGC10767, MGC11121, MGC14344, MGC4403, nCL-1, p94

Gene Summary: Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed. [provided by RefSeq]