



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

CAPN2 (Human) Recombinant Protein (P01)

Catalog Number: H00000824-P01

Regulation Status: For research use only (RUO)

Product Description: Human CAPN2 full-length ORF (AAH21303.1, 1 a.a. - 700 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAGIAAKLAKDREAAEGLGSHERAIKYLNQDYEARNE
CLEAGTLFQDPSFPAIPASALGFKELGPYSSKTRGIEWK
RPTEICADPQFIIGGATRTDICQGGALGDCWLLAAIASLT
LNEEILARVVPLNQSFQENYAGIFHFQFWQYGEWVEV
VDDRLPTKDGELLFVHSAEGSEFWSALLEKAYAKING
CYEALSGGATTEGFEDFTGGIAEWYELKKPPNLFKII
QKALQKGSLLGCSIDITSAADSEAITFQKLVKGHAYSVT
GAEEVESNGSLQKLIRIRNPWGEVEWTGRWVNDNCP
WNTIDPEERERLRRRHEDGEFWMSFSDFLRHYSRLEI
CNLTPDTLTSDTYKKWKLTKMDGNWRRGSTAGGCRN
YPNTFWMNPQYLIKLEEEDEDEEDGESGCTFLVGLIQ
KHRRRQRKMGEDMHTIGFIYEVPEELSGQTNIHLSK
NFFLTNRARERSDTFINLREVLNRFKLPPGEYILVPSTF
EPNKDGFDFCIRVFSEKKADYQAVDDEIEANLEEFDISE
DDIDGFRRLFAQLAGEDAEISAFELQTLRRVLAKRQ
DIKSDGFSIETCKIMVDMLDSDGSGKLGKLFYILWTKI
QKYQKIYREIDVDRSGTMNSYEMRKALEEAGFKMPCQ
LHQVIVARFADDQLIIDFDNFVRCLVRLETLFKIFKQLDP
ENTGTIELDLISWLCFSVL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 106.4

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: 824

Gene Symbol: CAPN2

Gene Alias: CANP2, CANPL2, CANPml, FLJ39928, mCANP

Gene Summary: The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]