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Lieferung & Zahlungsart

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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

CASP10 (Human) Recombinant Protein (P01)

Catalog Number: H00000843-P01

Regulation Status: For research use only (RUO)

Product Description: Human CASP10 full-length ORF (NP_001221.2, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKSQGQHWYSSSDKNCKVSFREKLLIIDSNLGVQDVE
NLKFLCIGLVPNKKLEKSSASDVFEHLLAEDLLSEEDP
FFLAELLYIIRQKLLQLNCTKEEVERLLPTRQRVSLF
RNLLYELSEGIDSENKDMIFLLKDSLPKTEMTSLSFLA
FLEKQGKIDEDNLTCLDLCKTVVPKLLRNIEKYKREKA
IQIVTPVDKEAESYQGEEELVSQTDVKTFLEALPRAA
VYRMNRNHRGLCVIVNHSFTSLKDRQGTHKDAEILS
HVFQWLGFTVHIHNNVTKVEMEMVLQKQKCNPAHAD
GDCFVFCILTHGRFGAVYSSDEALIPIREIMSHFTALQC
PRLAEKPKLFFIQACQGEEIQPSVSIADALNPEQAPTS
LQDSIPAEADFLGLATVPGYVFRHVEEGSWYIQLC
NHLKLVPRHEDILSILTAVNDDVSRRVDKQGTTKQMP
QPAFTLRKKLVFPVPLDALSL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 81

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: 843

Gene Symbol: CASP10

Gene Alias: ALPS2, FLICE2, MCH4

Gene Summary: This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome. Three alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]