



# 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

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## Datasheet

### CASP2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000835-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CASP2 full-length ORF ( AAH02427.2, 1 a.a. - 452 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAAPSAGSWSTFQHKELMAADRGRRLGVCGMHPHH  
QETLKKNRVVLAKQLLLSELLEHLLLEKDIITLEMRELIQA  
KVGFSQNVLLNLLPKRGPQAFDAFCEALRETKQGH  
LEDMLLTLSGLQHVLPLSCDYDLSPFPVCESEPLY  
KKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHF  
QLAYRLQSRPRGLALVLSNVHFTGEKELEFRSGGDVD  
HSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNFALP  
AHRVTDSCIVALLSHGVEGAIYGVGDKLLQLQEVFQLF  
DNANCPQLQKPKMFFIQACRGETDRGVDQDQDQGN  
HAGSPGCEESDAGKEKLPKMRLPTRSDMICGYACK  
GTAAMRNTKRGSWYIEALAQVFSERACDMHVADMLV  
KVNALIKDREGYAPGTEFHRCKEMSEYCSLTCRHLYL  
FPGHPPT

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 77.1

**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:** 835

**Gene Symbol:** CASP2

**Gene Alias:** CASP-2, ICH-1L, ICH-1L/1S, ICH1, NEDD2

**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. The proteolytic cleavage of this protein is induced by a variety of apoptotic stimuli. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq]