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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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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
QETLKKNRVVLAKQLLSELLEHLLKDIITLEMRELIQA
KVGFSQNVLLNLLPKRGPQAFDAFCEALRETKQGH
LEDMLLTLSGLQHVLPLSCDYDLSPFPVCESEPLY
KKLRLSTDTVEHSLDNKDGPLCLQVKPCTPEFYQTHF
QLAYRLQSRPRGLALVLSNVHFTGEKELEFRSGGDVD
HSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNFALP
AHRVTDSCIVALLSHGVEGAIYGVGDKLLQLQEVFQLF
DNANCPQLQNKPKMFFIQACRGDETRGVDDQDGKN
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]