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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CASP1 (Human) Recombinant Protein (P01)

Catalog Number: H00000834-P01

Regulation Status: For research use only (RUO)

Product Description: Human CASP1 full-length ORF (NP_150635.1, 1 a.a. - 311 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MADKVLKEKRKLFIRSMGEAPQAVQDNPAMPTSSGSE GNVKLCSLEEAQRIWKQKSAEIYPIMDKSSRTRLALIIC NEEFDSIPRRTGAEVDITGMTMLLQNLGYSVDVKKNLT ASDMTTELEAFAHRPEHKTSDSTFLVFMSHGIREGICG KKHSEQVPDILQLNAIFNMLNTKNCPSLKDKPKVIIIQAC RGDSPGVVWFKDSVGVSGNLSLPTTEEFEDDAIKKAH IEKDFIAFCSSTPDNVSWRHPTMGSVFIGRLIEHMQEY ACSCDVEEIFRKVRFSFEQPDGRAQMPTTERVTLTRC FYLFPGH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.4

Interspecies Antigen Sequence: Mouse (66)

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: 834

Gene Symbol: CASP1

Gene Alias: ICE, IL1BC, P45

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 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing of this gene results in five transcript variants encoding distinct isoforms. [provided by RefSeq]