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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CASP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000834-T02

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

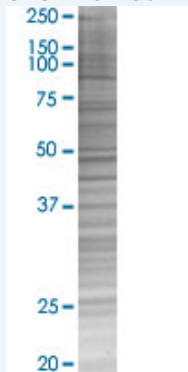
Plasmid: pCMV-CASP1 full-length

Host: Human

Theoretical MW (kDa): 35

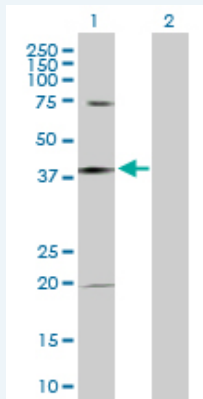
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CASP1 antibody ([H00000834-D01P](#)) by Western Blots.

SDS-PAGE Gel



CASP1 transfected lysate.

Western Blot



Lane 1: CASP1 transfected lysate (35.00 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [834](#)

GeneBank [NM_033293](#)
Accession#:

Protein [NP_150635.1](#)
Accession#:

Gene Name: CASP1

Gene Alias: ICE,IL1BC,P45

Gene Description: caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)

Omim ID: [147678](#)

Gene Ontology: [Hyperlink](#)

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]

Other Designations: CASP1 nirs variant 1,IL1B-convertase,caspase 1,caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase),interleukin 1-B converting enzyme,interleukin 1-beta convertase

Gene Pathway

[Amyotrophic lateral sclerosis \(ALS\)](#)

Related Disease

[Adenocarcinoma](#) [Alzheimer Disease](#) [Asthma](#) [Asthma](#) [Bronchiolitis, Viral](#) [Cardiovascular Diseases](#) [Cognition](#) [Coronary Artery Disease](#) [Diabetes Mellitus, Type 2](#) [Disease Susceptibility](#) [Edema](#) [Gastrointestinal Stromal Tumors](#) [Genetic Predisposition to Disease](#) [Hematologic Diseases](#) [Hodgkin Disease](#) [Infant, Premature, Diseases](#) [Inflammation](#) [Leukemia, chronic myeloid](#) [Leukemia, Myelogenous, Chronic, BCR-ABL Positive](#)

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