

Recombinant Human CASP1 protein, HA-tagged

Cat. No. CASP1-432H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP1 protein(P29466)(1-91aa), fused with C-terminal HA tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-91aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	11.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MADKVLKEKRKLFIRSMGEGTINGLLDELLQTRVLNKEEMEKVKRENATVMDKTRAL
IDSVIPKGAQACQICITYICEEDSYLAGTLGLSA

GENE INFORMATION
Gene Name

[CASP1 caspase 1, apoptosis-related cysteine peptidase \[Homo sapiens \]](#)

Official Symbol

[CASP1](#)

Synonyms

CASP1; caspase 1, apoptosis-related cysteine peptidase; caspase 1, apoptosis related cysteine peptidase (interleukin 1, beta, convertase) , caspase 1, apoptosis related cysteine protease (interleukin 1, beta, convertase) , IL1BC; caspase-1; caspase 1; ICE; interleukin 1; beta; convertase; IL1B-convertase; CASP1 nirs variant 1; IL-1 beta-converting enzyme; interleukin 1, beta, convertase; interleukin 1-B converting enzyme; caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase); P45; IL1BC;

Gene ID

[834](#)

mRNA Refseq

[NM_001223](#)

Protein Refseq

[NP_001214](#)

MIM

[147678](#)

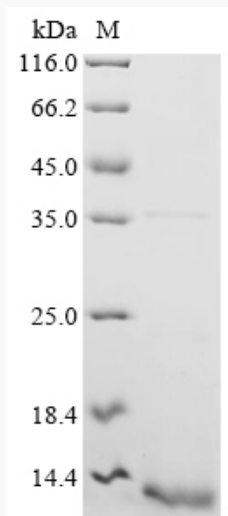
UniProt ID

[P29466](#)

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SDS-PAGE

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