

Recombinant Human CASP1 protein, GST-tagged

Cat. No. CASP1-2634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP1 protein(P29466)(120-269aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	120-269aa
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	43.8 kDa
AA Sequence	NPAMPTSSGSEGNVKLCSLEEAQRIWKQKSAEIYPIMDKSSRTRLALIICNEEFDSIP RRTGAEVDITGMTMLLQNLGYSDVKKNLTASDMTTELEAFAHRPEHKTS DSTFLVF MSHGIREGICGKKHSEQVPDILQLNAIFNMLNTKN
Purity	Greater than 90% 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.

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Reconstitution

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. Our default final concentration of glycerol is 50%.

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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