

## Recombinant Human CASP1 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CASP1 protein(P29466)(120-269aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	120-269aa
<b>Form</b>	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.
<b>Molecular Mass</b>	43.8 kDa
<b>AA Sequence</b>	NPAMPTSSGSEGNVKLCSLEEAQRIWKQKSAEIYPIMDKSSRTRLALICNEEFDSIP RRTGAEVDITGMTMLLQNLGYSDVVKKNLTAASDMTTELEAFAHRPEHKTS DSTFLVF MSHGIREGICGKKHSEQVPDILQLNAIFNMLNNTKN
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	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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