

## Recombinant Human CASP5, GST-tagged

Cat. No. CASP5-10734H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CASP5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-418a.a.

**Description** The C/EBP family of transcription factors regulates viral and cellular CCAAT/enhancer element-mediated transcription. C/EBP proteins contain the bZIP region, which is characterized by two motifs in the C-terminal half of the protein: a basic region involved in DNA binding and a leucine zipper motif involved in dimerization. The C/EBP family consist of several related proteins, C/EBP alpha, C/EBP beta, C/EBP gamma, and C/EBP delta, that form homodimers and that form heterodimers with each other. CCAAT/enhancer binding protein gamma may cooperate with Fos to bind PRE-I enhancer elements. Two transcript variants encoding the same protein have been found for this gene.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	CASP5 caspase 5, apoptosis-related cysteine peptidase [ Homo sapiens ]
<b>Official Symbol</b>	CASP5
<b>Synonyms</b>	CASP5; caspase 5, apoptosis-related cysteine peptidase; caspase 5, apoptosis related cysteine protease; caspase-5; ICE(rel)III; CASP-5; TY protease; protease TY; ICE(rel)-III; protease ICH-3; caspase 5, apoptosis-related cysteine protease; ICH-3; ICEREL-III; MGC141966;
<b>Gene ID</b>	838
<b>mRNA Refseq</b>	NM_001136109
<b>Protein Refseq</b>	NP_001129581
<b>MIM</b>	602665
<b>UniProt ID</b>	P51878
<b>Chromosome Location</b>	11q22.2-q22.3
<b>Pathway</b>	NOD-like receptor signaling pathway, organism-specific biosystem; NOD-like receptor signaling pathway, conserved biosystem;
<b>Function</b>	cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity;

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