

## Active Recombinant Human CASP7 Protein

Cat. No. CASP7-0429H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CASP7 (P55210) recombinant protein expressed in Escherichia coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes 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 two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	> 25000 units/mg
<b>Purity</b>	>= 90% by SDS-PAGE
<b>Applications</b>	Functional Study SDS-PAGE
<b>Storage</b>	Store at -80 centigrade on dry atmosphere. After reconstitution with PBS containing

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15% glycerol 1 uL per unit, store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** No additive

## GENE INFORMATION

**Gene Name** [CASP7 caspase 7, apoptosis-related cysteine peptidase \[ Homo sapiens \]](#)

**Official Symbol** [CASP7](#)

**Synonyms** CASP7; caspase 7, apoptosis-related cysteine peptidase; caspase 7, apoptosis related cysteine protease; caspase-7; CMH 1; ICE LAP3; MCH3; CASP-7; Lice2 alpha/beta/gamma; caspase 7 isoform delta; apoptotic protease MCH-3; ICE-like apoptotic protease 3; caspase 7, apoptosis-related cysteine protease; CMH-1; ICE-LAP3;

**Gene ID** [840](#)

**mRNA Refseq** [NM\\_001227](#)

**Protein Refseq** [NP\\_001218](#)

**MIM** [601761](#)

**UniProt ID** [P55210](#)

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