

Active Recombinant Human CASP7 Protein

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

SPECIFICATION

Product Overview	Human CASP7 (P55210) recombinant protein expressed in Escherichia coli.
Species	Human
Source	E.coli
Description	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]
Form	Lyophilized
Bio-activity	> 25000 units/mg
Purity	>= 90% by SDS-PAGE
Applications	Functional Study SDS-PAGE
Storage	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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