

## Active Recombinant Human CASP6 Protein

Cat. No. CASP6-0426H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CASP6 (P55212) recombinant protein expressed in Escherichia coli. This protein is composed of one small (11 KDa) and one one large (18 KDa) subunit.
<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 of enzymes. 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 acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015]
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	> 13000 units/mg
<b>Molecular Mass</b>	29 kDa
<b>Purity</b>	>= 95% by SDS-PAGE
<b>Applications</b>	Functional Study

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**SDS-PAGE**
**Storage**

Store at -80 centigrade on dry atmosphere. After reconstitution with PBS containing 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**

CASP6 caspase 6, apoptosis-related cysteine peptidase [ Homo sapiens ]

**Official Symbol**

CASP6

**Synonyms**

CASP6; caspase 6, apoptosis-related cysteine peptidase; caspase 6, apoptosis related cysteine protease; caspase-6; MCH2; apoptotic protease MCH-2; caspase 6, apoptosis-related cysteine protease;

**Gene ID**

839

**mRNA Refseq**

NM\_001226

**Protein Refseq**

NP\_001217

**MIM**

601532

**UniProt ID**

P55212

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