

## Recombinant Human CASP6 Protein, His-tagged

Cat. No. CASP6-298H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CASP6, transcript variant alpha, fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>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.</p>
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
<b>Molecular Mass</b>	33.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	CASP6 caspase 6, apoptosis-related cysteine peptidase [ Homo sapiens ]
<b>Official Symbol</b>	CASP6
<b>Synonyms</b>	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;
<b>Gene ID</b>	839
<b>mRNA Refseq</b>	NM_001226
<b>Protein Refseq</b>	NP_001217
<b>MIM</b>	601532
<b>UniProt ID</b>	P55212

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