

# Recombinant Full Length Human CASP6 Protein, GST-tagged

**Cat. No.** CASP6-2929HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CASP6 full-length ORF (AAH00305.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	293 amino acids
<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>Molecular Mass</b>	58.63 kDa
<b>AA Sequence</b>	MSSASGLRRGHPAGGEENMTETDAFYKREMFDPAEKYKMDHRRRGIALIFNHERFF WHLTLPERRGTCADRDNLTTRRFSDLGFVVKCFNDLKAEKLLKIHEVSTVSHADADC FVCVFLSHGEGNHIIYAYDAKIEIQTLTGLFKGDKCHSLVGKPKIFIIQACRGNQHDVPV IPLDVVDNQTEKLDNITEVDAASVYTLTPAGADFLMCYSVAEGYYSHRETVNGSWYI QDLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVPCFASMLTKKL

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	HFFPKSN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">CASP6 caspase 6, apoptosis-related cysteine peptidase [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CASP6</a>
<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>	<a href="#">839</a>
<b>mRNA Refseq</b>	<a href="#">NM_001226</a>
<b>Protein Refseq</b>	<a href="#">NP_001217</a>
<b>MIM</b>	<a href="#">601532</a>
<b>UniProt ID</b>	<a href="#">P55212</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA