

## Recombinant Human CASP7 protein, GST-tagged

**Cat. No.** CASP7-301351H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CASP7 (1-100 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Cys100
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	MADEQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKNVMTMRSIKTTRDRVP TYQYNMNFELGKLCIINNKNFDKVTGMGVRNGTDKDAEALFKC
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	CASP7 caspase 7, apoptosis-related cysteine peptidase [ Homo sapiens ]
<b>Official Symbol</b>	CASP7
<b>Synonyms</b>	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;
<b>Gene ID</b>	840
<b>mRNA Refseq</b>	NM_001227
<b>Protein Refseq</b>	NP_001218
<b>MIM</b>	601761
<b>UniProt ID</b>	P55210

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