

Recombinant Human CASP7 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CASP7 (1-100 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Cys100
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MADEQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTDRVP TYQYNMNFELGKCIINNKNFDKVTGMGVRNGTDKDAEALFKC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	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

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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