

Recombinant Human CASP14 Protein, GST-tagged

Cat. No. CASP14-301644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP14 Protein(1-242 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-242 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.0). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MSNPRSLEEEKYDMSGARLALILCVTKAREGSEEDLDALEHMFQRQRFESTMKRDP TAEQFQEELEKFQQAIDSREDPVSCAFVVLMAHGREGFLKGEDGEMVKLENLFEAL NNKNCQALRAKPKVYIIQACRGEQRDPGETVGGDEIVMVIKDSPQTIPTYTDALHVV STVEGYIAYRHDQKGSCFIQTLVDVFTKRKGHILELLTEVTRRMAEAEVLVQEGKARKT NPEIQSTLRKRLYLQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name [CASP14 caspase 14, apoptosis-related cysteine peptidase \[Homo sapiens \]](#)

Official Symbol [CASP14](#)

Synonyms

CASP14; caspase 14, apoptosis-related cysteine peptidase; caspase 14, apoptosis related cysteine protease; caspase-14; apoptosis related cysteine protease; MGC119078; MGC119079; MICE; CASP-14; apoptosis-related cysteine protease; caspase 14, apoptosis-related cysteine protease;

Gene ID [23581](#)

mRNA Refseq [NM_012114](#)

Protein Refseq [NP_036246](#)

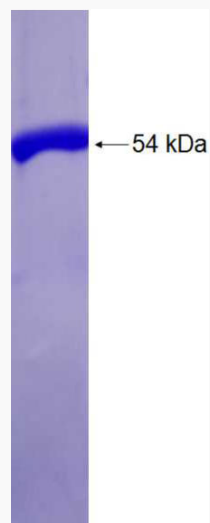
MIM [605848](#)

UniProt ID [P31944](#)

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SDS-PAGE

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