Recombinant Human CASP14 Protein, His-tagged

Cat. No. CASP14-3637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP14 Protein(1-242 aa), fused with N-terminal His 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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MSNPRSLEEEKYDMSGARLALILCVTKAREGSEEDLDALEHMFRQLRFESTMKRDP TAEQFQEELEKFQQAIDSREDPVSCAFVVLMAHGREGFLKGEDGEMVKLENLFEAL NNKNCQALRAKPKVYIIQACRGEQRDPGETVGGDEIVMVIKDSPQTIPTYTDALHVY STVEGYIAYRHDQKGSCFIQTLVDVFTKRKGHILELLTEVTRRMAEAELVQEGKARKT 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.

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Reconstitution	Reconstitute at 0.25 ḡ/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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