

Active Recombinant Human CASP14 protein, His-tagged

Cat. No. CASP14-1168H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CASP14 protein(NP_036246.1) (Ser 2-Gln 242) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-242 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated Cynomolgus IL18 in a functional ELISA.
Molecular Mass	The recombinant human CASP14 consisting of 248 amino acids and has a calculated molecular mass of 28.5 kDa. The apparent molecular mass of the protein is approximately 30 kDa in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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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