

Recombinant Human CRTAC1 protein, GST-tagged

Cat. No. CRTAC1-7866H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRTAC1 protein(198-332 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	198-332 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	VVTFDFDGDGMLDLILSHGESMAQPLSVFRGNQGFNNWLRVVPRTFRFGAFARGAK VVLYTKKSGAHLRIIDGGSGYLCEMEPVAHFGLGKDEASSVEVTWPDGKMVSRNVA SGEMNSVLEILYPRDEDTLQDPAP
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. 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 It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CRTAC1 cartilage acidic protein 1 [Homo sapiens]

Official Symbol CRTAC1

Synonyms CRTAC1; cartilage acidic protein 1; ASPIC1; CEP 68; FLJ10320; acidic secreted protein in cartilage; chondrocyte expressed protein 68 kDa CEP-68; ASPIC; CEP-68;

mRNA Refseq NM_001206528

Protein Refseq NP_001193457

MIM 606276

UniProt ID Q9NQ79

Gene ID 55118

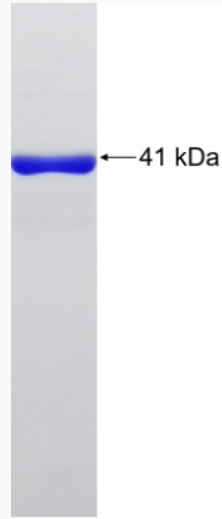
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SDS-PAGE



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