

Recombinant Human CARD11 protein, His-tagged

Cat. No. CARD11-7865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARD11 protein(798-1147 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	798-1147 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 7.4). 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 300 mM imidazole.
AASequence	DTMYQDRHEWLCARVDPFTDHDLDMG TIPSYSRAQQLLLVKLQRLMHRGSREEVD GTHHTLRALRNTLQPEEALSTSDPRVSPRLSRASFLFGQLLQFVSRSENKYKRMNS NERVRIISGSPGLSLARSSLDATKLLTEKQEELDPESELGKNLSLIPYSLVRAFYCERR RPVLFTPTVLAKTLVQRLNLSGGAMEFTICKSDIVTRDEFLRRQKTETIIYSREKNPNA FECIAPANIEA VAAKNKHCLLEAGIGCTRD LIKSNIYPIVLFIRVCEKNIKRFRKLLPRPE TEEEFLRVCRLKEKELEALPCLYATVEPDMWGSVEELLRVVKDKIGEEQQRKTIWVDE DQL
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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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 [CARD11 caspase recruitment domain family, member 11 \[Homo sapiens \]](#)

Official Symbol [CARD11](#)

Synonyms

CARD11; caspase recruitment domain family, member 11; caspase recruitment domain-containing protein 11; bcl10 interacting maguk protein 3; BIMP3; card maguk protein 1; CARMA1; carma 1; card-maguk protein 1; CARD-containing MAGUK protein 1; bcl10-interacting maguk protein 3; MGC133069;

mRNA Refseq [NM_032415](#)

Protein Refseq [NP_115791](#)

MIM [607210](#)

UniProt ID [Q9BXL7](#)

Gene ID [84433](#)

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