



Recombinant Rat Caspase recruitment domain-containing protein 9 (Card9)

Product Code	CSB-EP863640RA
Abbreviation	Card9
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9EPY0
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MSDYENDDEC WSALESFRVK LISVIDPSRI TPYLRQCKVL NPDDEEQVLS DPNLVIRKRK VGVLLDILQR TGHKGYVAFL ESLELYYPQL YRKVTGKEPA RVFSMIIDAS GESGLTQLLM TEVMKLQKKV QDLTALLSSK DDFIKELRVK DSLLRKHQER VQRLKEECCEL SSAELKRCKD ENYDLAMRLA HLSEEKGAAL MRNRDLQLEV DQLRHSLMKA EDDCKVERKH TLKLRHAMEQ RPSQELLWDL QQERDLLQAR VQELEVSVQE GKLHRNSPYI QVLEEDWRQA LQEHQECAST IFSLRKDLRQ AEALRTRCME EKEMFELQCL ALRKDAKMYK DRIEAILQQM EEVSIERDQA MTSREELHAQ CAQSFQDKDK LRKQVRELDE KADELQLQLF QTESRLLAAE GRLKQQQLDM LILSSDLEDS SPRNSQELSL PQDLEEDAQL SDKGVLADRE SPEQPFVVLN KKHLSQTHDT VPSSSEPPEK ERRRLKESFE NYRRKRALRK MQNSWRQEGEG DHGNTTGSDN TDTEGS
Source	E.coli
Target Names	Card9
Protein Names	Recommended name: Caspase recruitment domain-containing protein 9 Short name= rCARD9
Expression Region	1-536
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the CARD protein family, which is defined by the presence of a characteristic caspase-associated recruitment domain (CARD). CARD is a protein interaction domain known to participate in activation or suppression of CARD containing members of the caspase family, and thus plays an important regulatory role in cell apoptosis. This protein was identified by its selective association with the CARD domain of BCL10, a positive regulator of apoptosis and NF-kappaB activation, and is thought to function as a molecular



scaffold for the assembly of a BCL10 signaling complex that activates NF-kappaB. Several alternatively spliced transcript variants have been observed, but their full-length nature is not clearly defined.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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