



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

<b>Product Code</b>	CSB-EP863640RA-B
<b>Abbreviation</b>	Card9
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9EPY0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 MQNSWRQGEQ DHGNTTGSDN TDTEGS
<b>Source</b>	E.coli
<b>Target Names</b>	Card9
<b>Protein Names</b>	Recommended name: Caspase recruitment domain-containing protein 9 Short name= rCARD9
<b>Expression Region</b>	1-536
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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