

Recombinant Human CARD9 protein, His & T7-tagged

Cat. No. CARD9-1475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CARD9 aa. (Asp26~Leu283 (Accession # Q9H257)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp26~Leu283
Description	The protein encoded by this gene 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.3

GENE INFORMATION

Gene Name	CARD9 caspase recruitment domain family member 9 [Homo sapiens (human)]
Official Symbol	CARD9
Synonyms	CARD9; caspase recruitment domain family member 9; CANDF2; hCARD9; caspase recruitment domain-containing protein 9
Gene ID	64170
mRNA Refseq	NM_052813.4

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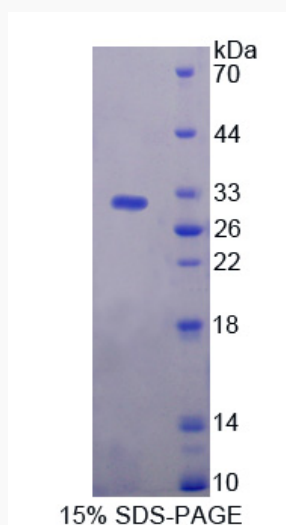
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Protein Refseq NP_434700.2

UniProt ID Q9H257

SDS-PAGE



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