

## Recombinant Human CARD9 Protein, MYC/DDK-tagged

Cat. No. CARD9-2521H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CARD9 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	56.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

**Gene Name** CARD9 caspase recruitment domain family, member 9 [ Homo sapiens ]

**Official Symbol** CARD9

**Synonyms** CANDF2; hCARD9

**Gene ID** 64170

**mRNA Refseq** NM\_052813

**Protein Refseq** NP\_434700

**MIM** 607212

**UniProt ID** Q9H257

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