

## Product datasheet for TP315899

### CARD9 (NM\_052813) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human caspase recruitment domain family, member 9 (CARD9), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215899 representing NM_052813 Red=Cloning site Green=Tags(s)

MSDYENDDECWNVLEGFRVTLTSVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIRKRKVGVLDDILQR  
TGHKGYVAFLESLELYYPQLYKKVTGKEPARVFSMIIDASGESGLTQLLMTEVMKLQKKVQDLTALLSSK  
DDFIKELRVKDSLRLKHQERVQRLKEECEAGSRELKRCKEENYDLAMRLAHQSEEKGAALMRNRDLQLEI  
DQLKHSMLKAEDDCKVERKHTLKL RHAMEQRPSQELLWELQEQEKALLQARVQELEASVQEGKLD RSSPYI  
QVLEEDWRQALRDHQEQANTIFSLRKDLRQGEARRLRCMEEKEMFELQCLALRKDSKMYKDRIEAILLQM  
EEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQLQVFQCEAQLLAVEGRLRRQLET  
LVLSSDLEDGSPRRSQELSLPQDLEDTQLSDKGCLAGGGSPKQPFAALHQEQVLRNPHDAGLSSGPEPEK  
ERRRLKESFENYRRKRALRKMQKGWRQGEEDRENTTGS DNTDTEGS

TRRLEQKLISEEDLAANDILDYKDDDDKV

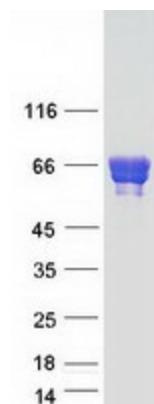
Tag:	C-Myc/DDK
Predicted MW:	62.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_434700</a>
<b>Locus ID:</b>	64170
<b>UniProt ID:</b>	<a href="#">Q9H257</a> , <a href="#">A0A024R8F1</a>
<b>RefSeq Size:</b>	2136
<b>Cytogenetics:</b>	9q34.3
<b>RefSeq ORF:</b>	1608
<b>Synonyms:</b>	CANDF2; hCARD9
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	NOD-like receptor signaling pathway

### Product images:



Coomassie blue staining of purified CARD9 protein (Cat# TP315899). The protein was produced from HEK293T cells transfected with CARD9 cDNA clone (Cat# [RC215899]) using MegaTran 2.0 (Cat# [TT210002]).