

## Product datasheet for **TP317455L**

### **CARD14 (NM\_024110) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human caspase recruitment domain family, member 14 (CARD14), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC217455 representing NM_024110
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGELCRRDSALTALDEETLWEMMESHRRHVRVICPSRLTPYLRQAKVLCQLDEEEVLHSPRLTNSAMRA  
GHLLDLLKTRGKNGAIAFLESKFHNPVYTLVTGLQPDVDFSNFSGLMETSKLTECLAGAIGSLQEELN  
QEKGQKEVLLRRCQQQLQEHLGLAETRAEGLHQLEADHSRMKREVS AHFHEVLR LKDEMLSLSLHYSNALQ  
EKELAASRCRSLQEELYLLKQELQRANMVSSCELELQEQLRTASDQESGDEELNRLKEENEKLRSLTFS  
LAEKDILEQSLDEARGSRQELVERIHSLRERAVAAERQREQYWEEKEQTL LQFQKSKMACQLYREKVNAL  
QAQVCELQKERDQAYSARDSAQREISQSLVEKDSLRRQVFELTDQVCELRTQLRQLQAEP PGVLKQEART  
REPCPREKQRLVRMHAICPRDDSDCSLVSSTESQLSDLSATSSRELVDSFRSSSPAPPSQQS LYKRAE  
DFGEEPWFSFSSCLEIPEGDPGALPGAKAGDPHLDYELLDTADLPQLESSLQPVSPGRLDVSESGVLMRRR  
PARRILSQTMLAFQGDALLEQISVIGGNLTGIFIHRVTPGSAADQMALRPGTQIVMVDYEASEPLFKAV  
LEDTTLEEAVGLLRVDGFCCLSVKVN TDGYKRLLQDLEAKVATSGDSFYIRVNLAMEGRAKGELQVHCN  
EVLHVTDTMFQGCWCWHAHRVNSYTMKD TAAHGTIPNYSRAQQQLIALIQDMTQQCTVTRKPSGGPQKL  
VRIVSMDKAKASPLRLSFD RQGQLDPSRMEGSSTCFWAESCLTLVPYTLVWPHRPARPRPVLLVPRAVGKI  
LSEKLCLLQGFKKCLAEYLSQEEYEAWSQRGDIIQEGEVSGGRCWVTRHAVESLMEKNTHALLDVQLDSV  
CTLHRMDIFPIVIHVSVNEKMAK LKKGLQRLGTSEEQLLEAARQEEGDLDRAPCLYSSLAPD GWSLDLG  
LLSCVRQAI ADEQKKVWTEQSPR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	113.1 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



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_077015</a>
<b>Locus ID:</b>	79092
<b>UniProt ID:</b>	<a href="#">Q9BXL6</a>
<b>RefSeq Size:</b>	3917
<b>Cytogenetics:</b>	17q25.3
<b>RefSeq ORF:</b>	3012
<b>Synonyms:</b>	BIMP2; CARMA2; PRP; PSORS2; PSS1
<b>Summary:</b>	This gene encodes a caspase recruitment domain-containing protein that is a member of the membrane-associated guanylate kinase (MAGUK) family of proteins. Members of this protein family are scaffold proteins that are involved in a diverse array of cellular processes including cellular adhesion, signal transduction and cell polarity control. This protein has been shown to specifically interact with BCL10, a protein known to function as a positive regulator of cell apoptosis and NF-kappaB activation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr 2012]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified CARD14 protein (Cat# [TP317455]). The protein was produced from HEK293T cells transfected with CARD14 cDNA clone (Cat# [RC217455]) using MegaTran 2.0 (Cat# [TT210002]).