

Product datasheet for **TP317455M**

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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC217455 representing NM_024110
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGELCRRDSALTALDEETLWEMMESHRRHRIVRCICPSRLTPYLRQAKVLCQLDEEEVLHSPRLTNSAMRA
GHLLDLLKTRGKNGAIAFLESKFHNPVYTLVTGLQPDVDFSNFSGLMETSKLTECLAGAIGSLQEELN
QEKGQKEVLLRRCQQQLQEHLGLAETRAEGLHQLEADHSRMKREVS AHFHEVLR LKDEMLSLSLHYSNALQ
EKELAASRCRSLQEELYLLKQELQRANMVSSCELELQEQLRTASDQESGDEELNRLKEENEKLRSLTFS
LAEKDILEQSLDEARGSRQELVERIHSLRERAVAAERQREQYWEEKEQTL LQFQKSKMACQLYREKVNAL
QAQVCELQKERDQAYSARDSAQREISQSLVEKDSLRRQVFELTDQVCELRTQLRQLQAEP PGVLKQEART
REPCPREKQRLVRMHAICPRDDSDCSLVSSTESQLLSDLSATSSRELVDSFRSSSPAPPSQQSLYKRAE
DFGEEPWFSFSSCLEIPEGDPGALPGAKAGDPHLDYELLDTADLPQLESSLQPVSPGRLDVSESGVLMRRR
PARRILSQTMLAFQGDALLEQISVIGGNLTGIFIHRVTPGSAADQMALRPGTQIVMVDYEASEPLFKAV
LEDTTLEEAVGLLRVDGFCCLSVKVN TDGYKRLLQDLEAKVATSGDSFYIRVNLAMEGRAKGELQVHCN
EVLHVTDTMFQGCWCWHAHRVNSYTMKD TAAHGTIPNYSRAQQQLIALIQDMTQQCTVTRKPSGGPQKL
VRIVSMDKAKASPLRLSFDRGQLDPSRMEGSSTCFWAESCLTLVPYTLVWPHRPARPRPVLLVPRAVGKI
LSEKLCLLQGFKKCLAEYLSQEEYEAWSQRGDIIQEGEVSGGRCWVTRHAVESLMEKNTHALLDVQLDSV
CTLHRMDIFPIVIHVSVNEKMAKLLKGLQRLGTSEEQLLEAARQEEGLDRAPCLYSSLAPD GWSLDLG
LLSCVRQAI ADEQKKVWTEQSPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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



[View online »](#)

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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_077015
Locus ID:	79092
UniProt ID:	Q9BXL6
RefSeq Size:	3917
Cytogenetics:	17q25.3
RefSeq ORF:	3012
Synonyms:	BIMP2; CARMA2; PRP; PSORS2; PSS1
Summary:	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]
Protein Families:	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]).