

Product datasheet for TP511416

Card14 (NM_130886) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse caspase recruitment domain family, member 14 (Card14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211416 representing NM_130886 Red=Cloning site Green=Tags(s)
	<p>MAELCRMDSTLTALDEEMLWDMLESHRCRIVQSICPSRLTPYLRQAKVLGQLDEEEILHSSRFTNSAMRV GHLLDLLKARGKNGAIAFLES�KFHNPDVYTLVTGLQSDIDFSTFSGLMETSKLTECLAGAISSLQEELA QEKAQKEVLLRRCQQLKERLGLAEAHAEGLRQLEVDHSRMKREVSTHFHEVLKLDKDEMLNLSLHYSNALR EKELAATRCHSLQEELYLVKQELQRASLVSSCERESRERSLKMASNLEPQGEELNRLKEENEKLRSMFTS LVEKDILEQSLDEARESKQELVDRIHSLRERAVAAERQQKQYWEEKEQTLQFRKTQVDCELYKEKMTML QGQVAELQKERDQAYTARDRAQMEISQRLVEKDALRRRVFELTEQVCELRTQLRRLQAEAPGGPKQEAGA RELCLRGKQRLVRMHAVCPPDDSDCSLLSSTESRLWWDLNSTSSREQMDSFRSSSPMPPSQQSLYKRVAE DFLEDPELSFPEVLEMRLQGATVDDTDTDFEFEMIDGADLSQTEDSLQGSSRSLNVSESSVPVRRRPAR KILSQVTVLAFFQGDALLEQIGVIGGNLTGIFIHRVTPGSAADEMALRPGTQIMMVDYKPTKPSLRATLEN TTLEQAVGLLRVNGSCYLSVKINTEGYKNLIQDLDAKVVTSGDSFYIRVNLAMQRGGDGELQTHCNDIL HVTDTMFQGRSCWHAHHVNPYTMKDMEPGTIPNYSQAQQQLLALIQDMTQRCTVPRKPPGGPQKLVRIVS VDKAAVSPLTSSFDQSQWDSGKEEGGPSVCFWSESCFTLAPYTLVPHRPARPRPVLFVPRLVGRILGKK LCLLQGFQCSAEYLSQEEYATWSQRGDIIQEGESIGDHHWITRHAVESLMNMSTHALLDVRLDSVRVLH RMDMFPIIIHVSVNEKTAKKLRKGLHRLGSSEEQFLEVARQEEGELDRVPCLYSSLAPDSWSDLDSLLSC VRLAIADEQKKVWVWTEPC</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	113.9 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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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 after receiving vials.
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_570956
Locus ID:	170720
UniProt ID:	Q99KF0
RefSeq Size:	3958
Cytogenetics:	11 E2
RefSeq ORF:	2997
Synonyms:	Bimp2; CARMA2
Summary:	Acts as a scaffolding protein that can activate the inflammatory transcription factor NF-kappa-B and p38/JNK MAP kinase signaling pathways. Forms a signaling complex with BCL10 and MALT1, and activates MALT1 proteolytic activity and inflammatory gene expression. MALT1 is indispensable for CARD14-induced activation of NF-kappa-B and p38/JNK MAP kinases. May play a role in signaling mediated by TRAF2, TRAF3 and TRAF6 and protects cells against apoptosis. [UniProtKB/Swiss-Prot Function]