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Product datasheet for MC223757

Card11 (NM_175362) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Card11 (NM_175362) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Card11
Synonyms:	0610008L17Rik; 2410011D02Rik; BIMP3; CARMA1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223757 representing NM_175362 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCCAGGAGGAGGGCCAGCTATGGATGACTACATGGAGACGCTGAAGGATGAAGAGGAGGCCCTATGGG ATAACGTGGAATGCAACCGGCACATGCTGAGCCGTTACATCAACCCCGCCAAGCTCACCCCCTACCTGCG CCAGTGCAAGGTCATCGATGAGCAAGATGAAGACGAGGTGCTCAATGCGCCCATGCTGCCGTCCAAGATC AACCGTGCAGGCCGATTGTTGGACATTCTTCACACCAAGGGACAAAGGGGCTATGTGGTCTTCCTGGAGA GCCTGGAGTTTTACTACCCAGAACTTTACAAACTGGTGACTGGAAAGGAACCCACCCGGAGATTCTCCAC CATTGTGGTGGAGGAAGGCCATGAGGGCCTCACACACTTCCTGATGAACGAGGTCATCAAACTGCAGCAG CAAGTGAAAGCCAAGGACCTTCAGCGCTGTGAGCTGCTGGCCAAGTCCCGGCAACTGGAGGATGAGAAGA AGCAGCTGAGCCTGATACGGGTGGAGCTGCTGACCTTCCAGGAGCGATACTACAAGATGAAGGAGGAGCG GGACAGCTACAATGACGAGCTCGTCAAGGTCAAGGACGACAACTACAACTTAGCCATGCGCTACGCCCAG CTCAGTGAGGAGAAAAACATGGCGGTGATGAGGAGCCGCGACCTCCAACTCGAGATCGACCAGCTCAAAC ACCGACTGAACAAGATGGAGGAGGAATGCAAGCTGGAGAGAAATCAGTCCCTCAAGCTCAAGAATGACAT CGAGAACCGGCCCAGGAAGGAGCAGGTCCTGGAGCTGGAGCGGGAGAATGAGATGCTGAAGACGAAAATT CAGGAGCTGCAGTCCATCATCCAGGCTGGCAAGCGCAGCCTCCCTGACTCAGACAAGGCCATCTTGGACA TCCTGGAACATGACCGGAAGGAGGCGCTAGAGGACCGGCAGGAACTGGTCAACAAAATTTACAACCTACA AGAGGAAGTCCGCCAGGCGGAGGAGCTGCGGGATAAGTACCTGGAGGAGAAGGAAGACCTGGAACTCAAG TGTTCAACCCTGGGGAAGGACTGTGAAATGTACAAGCACCGCATGAACACAGTTATGCTGCAGCTGGAGG AGGTGGAGCGGGAGCGGGACCAGGCCTTCCACTCCCGAGATGAGGCACAGACACAGTACTCACAGTGCTT AATCGAGAAGGACAAGTACCGGAAGCAGATCCGGGAGCTGGAGGAGAAGAACGATGAGATGCGTATTGAG ATGGTGAGGAGGGAGGCCTGTATTGTCAACCTGGAAAGCAAGCTCCGGCGCCTGTCCAAGGACAACGGCA GCCTCGACCAGAGTCTGCCTAGACACCTTCCAGCCACCATCATCTCACAGAACCTTGGAGACACCAGCCC CAGGACCAATGGCCAGGAAGCTGATGATTCTTCAACCTCAGAAGAGTCTCCCGAAGACAGCAAGTACTTT CTGCCTTACCACCCACCCCGGCGCCGGATGAACCTAAAGGGCATCCAGCTGCAGAGAGCCAAATCCCCCA

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TCAGCATGAAGCAAGCATCTGAGTTTCAAGTCAAGGGGCACGAAGAGGATTTCACAGACGGCAGCCCCAG
TTCCTCCCGCTCGCTGCCTGTCACCAGCTCTTTCTCCAAGATGCAACCCCATCGGAGCCGCAGCAGCATC
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GGAATTCCTGCGAGTGTGCAGGCTCAAAGAGAAGGAGCTGGAGGCGCTGCCCTGCCTCTACGCCACCGTG
GAAGCTGAGATGTGGAGCAGCGTGGAGGAGCTGCTGCGAGTCCTCAAAGACAAGATTGTAGAGGAGCAGC
GCAAGACCATCTGGGTGGACGAGGACCAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175362

Insert Size: 3465 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_175362.2, NP_780571.2
RefSeq Size:	4112 bp
RefSeq ORF:	3465 bp
Locus ID:	108723
UniProt ID:	Q8CIS0
Cytogenetics:	5 G2
Gene Summary:	Involved in the costimulatory signal essential for T-cell receptor (TCR)-mediated T-cell activation (PubMed:12356734, PubMed:16356855). Its binding to DPP4 induces T-cell proliferation and NF-kappa-B activation in a T-cell receptor/CD3-dependent manner. Activates NF-kappa-B via BCL10 and IKK. Stimulates the phosphorylation of BCL10. Also activates the TORC1 signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]