

Product datasheet for **MC224250**

Jcad (NM_001081963) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jcad (NM_001081963) Mouse Untagged Clone
Tag: Tag Free
Symbol: Jcad
Synonyms: 1110056P05Rik; Gm328; Jcad; mKIAA1462
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224250 representing NM_001081963
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTATAGTGTGGAAGATCTCCTGATTTCTCATGGATACAAACCAGCCCCGAGATGCCGAGCACCATGTG
AGGACAAATCAGAGAGATGCAGGTGACAAGGACAGGCCCGAGCTGGCCAAGGCTATTGAATGGGTA
CAAGGATGGCGCTACAGCCCATACGCACAGTAGGACATCCCTGGGGACAGGACACGTGAGCAACTCTGAA
AACCGCATCAGCAGGCCAAGAGGCCACAGGGAGCACAAAGCACTTCTAGAACTCCTGAGGCACGGTTTT
TAAATCAACCCTCCTTAGCATGGTCTCTCAGCCCCAAAGTGGTAGAGACGACATCTACTGGAGCAGAGG
AAGACAGGAGGGCAGTGGCTCCCTGTGTCCCAGGGACTGGAAAGAACTGGAAAGCAGAGGAATGGCTCAG
GCTTACAGTCTGCCCGTCCATGTGAGAGAGAATCTGTGGGAAGTTGCAGGAAGGACAGAGCATGTGATGA
AGAATGCCATCTGGGAAGAAGAGCTGAGAATGCAGGACATGAGCTTGGAAAGCTGGAAAGCAAGGGA
GTTAGGGAGGCAGGCATCCGATGGGGATGGACGGAAAAGGCCCGAGAAAAGTTCGAGGGTCTGTACCCA
TTTGTTCATGGGAGCACACGTCTCAGAACAGAAAAAATCCAGTCATTGCCCGAGCTCTTTTCCTA
AGAGCCTGAATTTACAGAAATTCCTGTCCACTACATGATGGTCACATAACAGGTGTCCAAAAGTGCC
ACCATATCCTCCTAGCTTCCATCCCCTTCGGAACCCATGAGGAACCTTGAGAAGGCTAGCTCCTCAGGC
CCTTTTCCAGGCCTAAGTTTGGAAACCCCTTAAGACTCCGTGTTATAGCTCTCACTCACAGCCAGGG
GAGAAGGTGGATTTCAGGACCACCAGCACAGGGACCCACGTGGCTCCTACCCAACAAGAAGTAAGGATCC
CAGCCATGAGTTGGGTATGCTGGATCCTGGCTTGGAGCCCCAGTGTATGTGCCTCCACCTTCATATAGG
TCACCCCTCAGCACATTCAAACCCATACCTGAAGATCCTGTGCCAGGCATGTGAGCAGCAACCAGA
GTCAGCAGCAAGTACCTGAGAACTGAGACCAGCTGTCCACTCCTTCTGGCTCTTTGCAGCTAGGGA
TCTCTATGATGCAATGCCTGGCTCTCCTCCGCAAGGTCTTCTCCACAACCTATCCTATTGCCACCCAT
GGGGTTCTATTAGTACATTCCATTTGATGATCCACGGATCCGACATATCAAAGTACTCAGCCCCAG
AATTCTATGAAGAGGCAAGCTTGTATGATACATCCTATAACCCTGGTTTACTCACTACCCAAGAGCCAGC
CATTGGGAAAAGACAGTACGATGATGCCCTTCGGTACCAGGGGCCAACGCCTTCACCAAGTCAATGAG
CAGAGCTCGCTTTGTCCATTCCAGTCCCGGTGGTGCAGGGCCAGCTCCCCCTGGGCATTGGACCTG



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GAGGCTTCCATGGCCAAACAGAGCATCATGTCATGGGCGGATTAACAACCTAATGTGACAGACATCAAGGC
 AGAAGGCCATGCCTCTTACCACAGCCACAGAGTGAGGGTACCTGCAAAACCTACTAAGCTCAGAAAG
 TTTGAACTGGGGTTCAGAGCAAGAAAAGTTCAAAGAAGAAAAGTAAACGCAACTATATTTTGGTCT
 CCATCCCAGTTAAATCTGAGTCACTTGTGCTAGCTACGGATACAAACAACATGACTTTAAGCTGGTTGC
 TGATAAGACCCGAGGGCTGTGCCAGGGTTCAGCCCTGCAGGAGCAGAGTCTGTGAGTATGTCTCCACT
 GACCTGGAGCTGCAAGCCCTCATGGGAAGCATGGCTTGGAGAAGAACATCTCAAGGCAAGGTCTGAGGG
 AGTCAGAAGATGGCCAAATTGATGACCCAGAATCCTCCATCTCATCAAACCCAAAGAACCTCAGGCTTC
 CAGCCCTTGGCCAGGACACCAATACAGAGATCAACAGACCCAAACCAAGTTTCCATGAAGACTCCAAAAGC
 TCACAGCTCCTCCTGCCACAAAGCCAGGAGAGGCCAGCAATGTAGCTCCGACCCCAACATGCCAGATA
 CCACTGCCTCCGAAGTATGCCTCCATACAGCCTTAGCATTGAGTATCAGTATCAAATCAGAAGCCAGTGTACC
 TCACCTCAAGGACAAACGTCCCTTAGCCCGTCTCGAAACAGTGTCTTCAAGGACTTCTCAGCCATA
 AACAGGCATCTATGTCAAAGGACCTCTGACCAGCTCCCTGGTGCCAACCTGTTCCCAAGCCAGAGG
 TGGTGAAGGGGAGTCCACAACAGGCCAGTGAATAGCACACAACCTTTCGGTCAAGTTCTTGAACC
 AGTTAGCCGGCGCCCTGGGATTTGATAAGTCAGTTAGAAAGTTTAAACAAGGAACCTCAGGAAGAGGAA
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 CCAAGTCTGGGCTCTCCAGGAACTAGAACAGCACAGCAGCCTGCAGGGCTGGCCGCTGGAGAATGTAGC
 TTCCCCAGATAGAAGACTTAATGACTCACAGAGCTGGAATGAAGAACCAAGCCTGGCCACTCAAGTGTG
 CATCCACAGTCCCTGGGCCATCACAGGAGGAAGGCAGCAGAGGTGTTCCAGTCCAATGGGCAGATGGAA
 GCCTGACTGCAGAGCAGAAAAGCCAGGAGGATTTGAATGGGATGTGTGAGCGAGACTTTAGCCCAAGGCC
 TGTGAGCAGGATTGACCCATTGACACAAAAGCAGCCCTTTATACTGTCTGTGAGAACCAAGAGGAAAGT
 CAAGAACTCACCAAATTCGGCGATGCTGTAGGGTCTGTGACAGTGGGCAGAGAGACTCCACACAGGTGG
 GTAATGGTGGGACACAGAGTCCCTACCCTGTGTCCTTCTGCCACTGGCTGACAAATATCGAGGCCACTC
 AACACCAGACTTTCGGTCTTTAGAGCTCACACTGGGACAAGAACAAGCAATGCCTATAAATAGAGTGTCTG
 GATTTAGAGAACACCGTGGAAAGTCTTCCAAGTGAAGTCTCTGCAGGAAAGGGCAGAGAGGATCCTGGGCA
 TAGAGGTGGCCGTGGAGTCCCTTCTGCCAAGTGCCAGGAGAACAAGCAAAAGCCAGCTTCTGAGCCTGA
 TGCAAGTGCCTGCAACCAAGTTCATCCAGAGAGGACTCATCACACAGCTTGGCACTACCAGTGGGGCCC
 AAAGTGGCCACTGACGCCTTCTATGGCAGGAGGAAGTGTGGTGGACTGAGAGTCCCTTTTTGTAGGAG
 AAAGGGCCCCCAGGCTTCTATATGCTCAGATGTGGATGGCTTCCCTACAAGCCAGGCCACCAGTCTGA
 GCCTGGGAAAAGGATGAGGAGGCGAAAGCACCCTTCAAGTCCACTCTGTTCCATTTTATGAAAAGTCC
 ACAATGTGGTGGTCTGAAAAGAGGCTCAGAAACCCTTCAAAGTGGTTGAGAACTTACAAGAAAAAC
 TGGTATACCCCCAAAAAGGCAGACTCTGTTCACTTGATAAGAATGAGGGAGGTCAACTCTTGTCTCA
 GATGAGGTGTCTGAGCTCCAAGAGCGCTGACTCCGTGGAGGAGCCTGACCCCTTAAAGGTATCAAAGT
 TCAGCCTGGCTTTCAGAAGGCCTTACTTCCCTGGTGGTAAAGACGAAGCCTGGCAAGCAGGGCACCTGC
 CCTCTGTCTCTCAGAATGAAAACGGACCCCCAAGTGCCGAGGGACAAGATGTCAGACCAAGACTTGTG
 GTGTGCAGATTCTATGATCCAAGCCGAGTGGAGAGGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001081963
- Insert Size:** 3963 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_001081963.1](#), [NP_001075432.1](#)

RefSeq Size: 6748 bp

RefSeq ORF: 3963 bp

Locus ID: 240185

UniProt ID: [Q5DTX6](#)

Cytogenetics: 18 A1