

Product datasheet for **RN217238**

Jade3 (NM_001271265) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jade3 (NM_001271265) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Jade3
Synonyms:	RGD1563945
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217238 representing NM_001271265
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGAAACGTCATAGACCTGTGACGAGCAGTGTGAGATTCAGATGAATGTCCTTCCACTTCCTTTACTT
 CTGGCTCAATGTATAGGAAAAAGTCAAAAAATCCTAAGGAACACAAAGAAGTCTGCTGAGGTATTCGGAAA
 GGACCTCATCAGTGCCATGAAAATTCCTGACTCTCACCACATTAATCCTGACAGCTATTACCTCTTTACT
 GACACATGGAAAGAAGATGGGAGAAAGGAGTCCAAGTACCAGCCAATCCAGACTCTGTTCCAACACCTT
 CTCTCAGGATTATCTGAAAAAGTAAAGGAGATCTTTTTGTCCGGCCCCGGAAATATATCCGTTGCTC
 CAGCCCAGAGTCTGCAGAACCTGGCTATATCAATACCCTGGAGCTAGCAGCATCTACATGCCGCTATGAC
 CTAGATGACATGGACATCTTCTGGCTTCAGGAACCTCAATGAAGACCTGGAGAAATGGGTTATGGCCCAA
 TTGATGAGACTCTTATGGAGAAGACAATAGAAGTCTGGAACGCCACTGCCATGAAAATATGAACCATGC
 TATTGAGACAGTGAAGGGCTAGGAATAGAATATGATGAAGATGTGATCTGTGATGTGTGCCGGTCTCCA
 GACAGTGAAGAAGGAATGATATGGTATTCGTGATAAATGTAACGTCTGTGTGCATCAGCTTGCTATG
 GCATCCTCAAGATTCCAGAAGGCAGTTGGCTGTGCCGCTCCTGTGTCTCGGAATTTATCCACAGTGCCT
 CTTATGTCCTAAGAAAGGTGGAGCCATGAAGACCACCAGGACAGGGACTAAATGGGCTCATGTCAGCTGT
 GCCCTGTGGATTCCAGAAGTCAATATCGCTTGTCTGAGAGAAATGGAGCCTGTCACAAAAATCTCTCACA
 TCCCACCTAGCCGGTGGGCCTTAGTTTGAACCTGTGCAAGTTGAAGACAGGAGCTTGTATTCAAGTGTCT
 TGTGAAAAGCTGTATTACTGCCTTTCATGTCACCTGTGCCTTTGAGCACGGCCTGGAAATGAAGACCATC
 CTAGATGAGGGCGATGAAGTAAAGTCAAGTCAATTTGCCTCAAGCATAGCCAAAAACAAGCCAAAACTTG
 GAGATGCCGAGTACCACCACACAGAGCTGTGAGCAGAGCCAGGCAAAAAGTGAAGAAACAGCCAACTAGC
 GGCACAGAAGCTTCGTGAACTAGAAGAAGAAATCTATACCTTAGTCCAGGTAGAAGATGTTGCCAAAGAG
 ATGGGGCTATCTGCATTCAGTGTGACTTTATCTATAACTACTGGAAACTAAAGCGCAAAAAGCAACTTCA
 ACAAGCCTTAAATCCCCCAAAAAGAGGATGAACAAAATGGCTTGGTTGAGCCAAAAGAAAGCAATTC
 CACTCGAATGAGAATGTTTATGCATCTGCGGCAGGACCTAGAGAGGGTCCGAAATCTGTGCTACATGATA
 AGCAGACGAGAGAAGCTGAAACTATCACACACAAAGTGCAGGAACAAATCTTCGGTTTGAAGTCCAGC
 TTATCAATGAAGAAATTACAGACGGACTTTCTTTGACAAATGCACTAGAGAACTCACTGTTTTACCCACC
 ACCACGAATTACCTTAAAGTAAAAATGCCTAAATCAACCTCAGAAGATTGCAGAGACAGCTCCACAGAA
 ACTGAACACCAACCTCGTCTCCTGGAAGCAGCTCCCCTAGTACAGTAAAAGGAGCCCTGAGATGCCTG
 AGGAGCCACTGGATATGAATGTGAAAATATATCCAAGATATCCACTAGAAAGCAAAAAGTAACTGTGTGCT
 GGCTAGCCGAAGCCATTCTCAAAGTGAACCCAGGAGCTCTAGTCTACTCAGAGAGCTCCATCTGCAGAA
 TTCTATCATGGGCAAAACATTAGGGAAGCCTCTGGCCCTCAGGCTGCCCTTCATGGACAGGCTTCTATTG
 GTAATGGGAAAAATCAGCCTAATCCAGGCTTGTAGTTCCAATGGCCTGGAGGGCAACTGGTCTGGGAA
 TATCACCCAGAAAGTTAATTCAGGTGAGATGTGCTATGACCAGGAGTCCATGCTCAGTCCCCTTGCCC
 AGTTCAGGCAACATTAGAAAATCTGGCATGGAACACTTCAGCAGGTCTTTAAGGAGGCTACCAATACAT
 GGGTAAAGCCTAATGAGGACCTCCAGTACTGTGTTAAGCCAATAAGAATGTGAGCTCTAAGGAGCAATT
 GTGGGGTAGACCGCTTCTCAGGCGTCCACAGGAAGAGCTTCATATCAGGAAACTGATGGCTATTGCCCT
 GACTTGGAGCCCAGTGATTCAGAGGCAGAAAGGGAGGGGAATAAAGAAACAGTGAAGGTAAGAGAGAGA
 GTTCTGACAGAGAAAATCCTTCCATGATTCTGTCTGAGAGTGCATGGGAAAACCAAGACACACCCTCA
 TCCCACAGCTCAATGCAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271265
Insert Size: 2475 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001271265.1, NP_001258194.1</u>
RefSeq Size:	2684 bp
RefSeq ORF:	2475 bp
Locus ID:	299305
Cytogenetics:	Xq11