

Product datasheet for **RN216995**

Dact3 (NM_001191947) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dact3 (NM_001191947) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dact3
Synonyms:	RGD1563892
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216995 representing NM_001191947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATCCGGGCTTCTCGTTCCCGGTGAGCCCGAGCGGGTTCGGCTGCGGGGATGGTTGGAAGGCAGCC
 TGGCCGGGCTCTGCGAGTTGCATTGGCTCCGAGAGAGGCAGGAATACCGGTGCAGCAGGCCTGCGGCT
 GGCCAGCCCGGATGGGGGCGCCGAGCGGAGGACGAGGAGGACGCCGAGGAGACGAGGATGCGGCA
 GCGGCGGTAGGGCCGCGCAGCCCTGGAGGAGCAGCTGGAGGCCCTGCCTGGGCTCATCTGGGACCTGG
 GCCAGCAGCTGGGAGACCTGAGCCTGGAGTCTGGTGGCTGGACCAGGAGAGTGGGCGCAGCTCAGGCTT
 TTATGAAGACCCAGTTCTACCGAGGCCAGATTACCACCCTCCACCTTCTGCGGGGACAGTGGCTTC
 TCCGGATCTGGCTCCTATGGACGCTAGTCCCTCGACCCAGGGGCATCTATGCCAGCGAGAGACCCA
 AGTCTTAGGCGACGCCAGTCCCAGCGTCCGGAGTCCGTGGTCCAGGGTCCAGTGCCTCGATCCTT
 CTCAGCTCCCTATCCGACCGCAGCAGCGGGAGCTGAGACCTGCTCGTCCGCGAACGGCGGGCTCGTGCC
 GGGCCCTTCTGACACCTAGCCCGCTGCACGCGGTGGCTCTGCGCAGCCACGGCCAAGTGGACGTGTAC
 CCTGCGGCTCCCCGACGGGGCGGCCAGCCGGCCCTGGACGGCTACATCTCGGGCTCCTGCGCAGGCG
 CCGCCGCGGGGGCGGGCAACCGCGCAGAGTCCCGGGGGCGCAGACGGGGCGCGGGCCAGAAC
 GGCGCGCCCCGCGGCCCGCAAGCGTCCCGCCCCCGGAGGCGCGCACCCGCGGGAGCCGTGCA
 CGGAGCGTGCCTGGGCTGCGGCGTGGGAGGCGGAGGTTCCACCCGAACCCACGCCCTCCGGCCCGCGCT
 GCCGCTCTCCAGTCCGGCGGAGGGTCCCTGGTGAAGGCACAGTACATCTCGGGCGCGCCCGCCCTCT
 AGGGGCTCCCGGGCCGCGCCGCGCTCGCCGGCTCCGCCGCTCACGCGAGTCCGAGCGTGGAGCAGT
 CCCCGCCACGAGAGCGGCCACGCGCTGCGGGCCGTCGGGGCCGCTGGCAGAGCCGTCGGGCGTGGGG
 ATCGCCGAGGGCGCGCAAAGCGGCGCGCTCGCAGTCTGAGACCAGTCTACTGGGCCGCGCGCACGCCGCT
 CCGCCGCCAAGTACCCACGGCTGAGCGAGACGAGCCCGACCGCCCGGCCCGCCGCTGGCCAGCGC
 CCACGCCACCGTCCAGGCTGCGTGGTGGCGATCCACAGTGGATCGACGCGCCGATGTCCGCCG
 TCCCCGAGCCCGTGCCTGCGCGCGCGGGCCCGCGCCCTACCGTCCGCGCCCCGCGTGGGCTGCTG
 TACGGTGGCAGGACGACTCCGAGTCTCGGCGCCGGGCGACCCGTGCCGCTCGGCCGTCGGATGC
 CGTCTGGATGCGCACCGGAGGCTATGGCAGAGCGAGTCCAGCGCCAGCGAGGGCGAGTCCGCCCTT
 CAGCTCTGCTCCAGGACTCCGACGGCAGCGGAGGCTCGTGTGGCCGACGAGTGGTGGCGGCCGA
 GGAGCCTCGCCGTCGGGGCCAGGGGTGCGGGGTTGGTGGGACGCCCGGGTCCGCCAAGTCTTCG
 TGAATAACAAGGCATCGACGCGCTGAAGAAAAGATCCTTCGTTTTCGTGGGTTCTCTAAAGGTCAT
 GACGACTGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191947
- Insert Size:** 1833 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:

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_001191947.1](#), [NP_001178876.1](#)

RefSeq Size: 2803 bp

RefSeq ORF: 1833 bp

Locus ID: 499088

Cytogenetics: 1q21