

Product datasheet for **MC219681**

Dact3 (NM_001081655) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dact3 (NM_001081655) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dact3
Synonyms:	EG666671; naa-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219681 representing NM_001081655
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCCGGGCTTCTCGTTCCCGGTGAGCCCGGAGCGGGTTCGGCTGCGGGGATGGTTGGAAGGCAGCC
 TGGCCGGGCTCTGCGAGTTGCATTGGCTCCGAGAGAGGCAGGAGTACCGCGTGACGACAGGCCTGCGGCT
 GGCCAGCCCGGATGGGGGGCCGAGGCTGAGGACGAGGAGGACGCCGAGGAGACGAGGATGCGGCA
 GCGGCGCAGGGCCGACGAGCCCTGGAGGAGCAGCTGGAGGCCCTGCCTGGGCTCATCTGGGACTGG
 GCCAGCAGCTGGGAGACCTGAGTCTGGAGTCTGGTGGCCTGGACCAGGAGAGTGGGCGCAGCTCAGGCTT
 CTATGAAGACCCAGTTCTACTGGAGGCCAGATTACCACCCTCCACCTTCTGCGGGGACAGTGGCTTC
 TCCGGATCTGGCTCCTATGGACGCTGGTCCCTCGGACCCCGGGGCATCTATGCCAGTGAAGACCCA
 AGTCTTAGGCGACGCCAGTCCAGCGCCAGAGTGGTGGTGGCCGGTTGACGTGCCTCGATCCTT
 CTCAGTCCCTATCCGACGGCAGCAGCCGGAGCTGAGACCTGCTCATCCGCGAACGCGGGGCTCGTGCC
 GGGCCCTTCTGACACCTAGCCACTGCACGCGGTGGCTCTGCGCAGCCAAAGCCAAAGTGGACGCGTAC
 CGTGCGGCTCGCCGACGGGGCGCCAGCCGGCCCTTACGCGTACATCTCGGCGCTCCTGCGCAGGCG
 CCGCCGCGGGGGGGCGGCAACCGCGCAAGTCCCGGGGCGCGGACGGGGCGCGCGGCCAGAAC
 GGCGCGCGCCCGCGGCCCTGAAGCGTCCCGCCCCCGGAGGCGCGGACCCGCGCGGGAACCGTCA
 CAGAGCGCGCTGGGCTGCGGCTGGGAGGCGGAGTTCCACCCGAACCCGCGCTCCGGCCCGCGCTC
 GCCGCCCTCCAGTCCGGCAGAGGGCCGCTCGTGAAGGCACAGTACATCCCGGGCGCGCCCGGGCTCC
 AGGGGCTCCCGGGCGCGCCGCGCGCCGGCTCCGCCGTTACGCGAGGTGCGAGTGTGGAGCAGT
 CCCCAGGGAACGGCCGCGCTGCGGGCGCTCGGGCGCCCTGGCAGAGCCGTGCGGGCGTGGGG
 ATCGCCGAGGGCGCGCAAGCGCGCGCTCGCAGTCTGAGACCACTACTGGGCGCGCGCACGCCGCT
 CCGCCACCAAGTACCCACGGCCGAGCGAGACGAACCCGACCGCCCGGCCCGCTCGTGGCCAGCGC
 CCACGCGACGGTCCAGGCTGCGTGGTGGGTTCCACCGTGAAGTGCAGCGACCGGATGGCCGCG
 CCCCCGAGCCCGTCCCGCGCCAGAGGCCCGCACCTCGCCATCTGCGCCCCGCGCGGCTGTTG
 TACGGTTGCGCAGGCAGGACTCCGAGTCTCAGCGTGGGCGGCGGTCGCGCTCGGCGTGGATGC
 CGTCTGGATGCGCTCCAGGAGGCTATGGCGAAAGCGAGTGCAGCGCCAGCGAGGGCGAGTGCAGGCTT
 CAGCTCTGCCTTAGCGACTCCGACGGCAGCGGAGGCTCGTGTGGCCGAGCAACTGGTGGCGGCCG
 GGGCCTCGCCGTCGGGGCCCGGGGTGCTGCTGGTGGAGGACGCTGCGGGCCCGCAAGGTCTTCG
 TGAAGATCAAGGCATCGCACGCGCTGAAGAAAAGATCCTTCGTTTTCGGTGGGTTCTCTGAAGTTCAT
 GACGACTGTGTA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001081655

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).

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_001081655.1](#), [NP_001075124.1](#)

RefSeq Size: 2828 bp

RefSeq ORF: 1833 bp

Locus ID: 629378

UniProt ID: [Q0PHV7](#)

Cytogenetics: 7 A2

Gene Summary: May be involved in regulation of intracellular signaling pathways during development. Specifically thought to play a role in canonical and/or non-canonical Wnt signaling pathways through interaction with DSH (Dishevelled) family proteins (By similarity).[UniProtKB/Swiss-Prot Function]