

Product datasheet for **RN203874**

Det1 (NM_001037194) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Det1 (NM_001037194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Det1
Synonyms:	RGD1309793
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203874 representing NM_001037194
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATCATCATGTTTCCACGATTAACCTCGAAGAATCCAAAATCAAACGTCATCCACCGCTTAGAGC
GCCGGCGCATCAGTTCAGGCAGGCAGGGACCCACTGGCATCAGGTCGAGTCTTCCACCAGAATGTCTT
CCCCAACTTCACGGTTGTCAACGTTGAAAAGCCTCCTTGTTCCTGCGTAAATTCGCGCTGACGGGCGC
TACTTTATTGCTTTTTCGCTGACCAGACATCTTGAATCTACGAGTACCAGGGCTGTGAGGCAGCAG
AGGACCTCTTGACGGGATATGAAGGGGAGATCTTGTCCAATGGTAATGACCAGAGGTCGGTCAGCATCCG
AGGCCGGCTCTTGAACGTTTTTTTGTCTGCTGCACATTACCAATGTAGCGCCAATGGCGAGCACTTG
AACCGGGAGTGTAGCCTTTCACGGACGACTGCCGCTGTGCATCGTGGGCTCCGCTGCCTACCTCCAG
ACGAACCTCACCTCCTTCTATGAGGTCTATCGGAACAGTGAGTCGGTGACCCCAACCCACGGTCCCC
TCTCGAAGACTATCCCTCCACATCATCGACCTTCACACTGGCCGTTTGTGTGACACACGCACATTCAAG
TGTGACAAGGTGGTCTGTACACAATCAAGGGCTGTACCTATACAAGAATCCCTGGCCATATTGTCTG
TGCAGCAGCAGACCATTATGTCTTCCAGGTGACTCCTGAAGGCACGTTTATTGACGTTCCGACCATTGG
CCGCTTCTGTACGAGGATGACCTGCTCACTGTGTCTGCCGTTTTCCCGAGGTGACGCGGGACAGCCAG
ACAGGCATGGCCAACCTTTTCAGGGACCTTTCATCAACTCCTTGAAGCACCGGTTGCTGGTTTACCTCT
GGCGCAGGGCAGAGCAAGACGGTAGCGCCATGGCGAAGAGACGTTTCTCCAGTACTTTGACCAGCTGCG
GCAGCTGCGCATGTGGAAGATGCAGCTTCTGGATGAGAACCACCTGTTTCAAGTACACCAGCGAGGAC
GTAGTGACGCTGCGGGTACAGACCCATCTCAGGCCTCCTTCTTGTGGTGTACAACATGGTGACAACAG
AGGTGATTGCCGCTTTTGAAGACAGTCAAGTGAAGTCCAGTCCCTTGTCTGAGCTTCTAGCAACAACCTTGAAGGCAG
CCGCAATGCCACCCTGCACAGTGAAGTCCAGTCCCTTGTCTGAGCTTCTAGCAACAACCTTGAAGGCAG
ATTCAGCGCCGGTTCAAAGACACAATTATAAATGCCAAGTATGGAGGGCACACTGAAGCTGTGCGCCGAC
TGCTAGGCCAGCTCCCCATCAGTGCCAGTCTTACAGTGAAGCCCTACCTGGATTTGTCTCTCTTCAG
CTACGATGACAAGTGGGTGTGAGTATGGAGCGACCCAAGACTTGTGGAGATCACCCGATCAGGTACTTT
ATCACCACCACAACACTACAACTGCTTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001037194

Insert Size: 1503 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_001037194.1](#), [NP_001032271.1](#)

RefSeq Size: 1873 bp

RefSeq ORF: 1503 bp

Locus ID: 308775

Cytogenetics: 1q31