

Product datasheet for RN213575

Dip2c (NM_001107360) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dip2c (NM_001107360) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dip2c
Synonyms:	RGD1560155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213575 representing NM_001107360 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACCGCAGCCTGGAAGGCATGGCTCTGCCGTTGGAGGTGAGGGCCCGGCTGGCCGAGCTGGAGC
TGGAGCTGTCGGAAGGTGACATTACACAAAAGGGATATGAAAAGAAGAGGTCAAATTAATTGGAGCCTA
CCTTCCCCAGCCTCAACAGCGAATGGAGCTGCCGTGGTTCGGTGTAGACTGCAGCCCGGTGAAGGCGTT
CCGAGGAGACCTTCCGCTCTGCCACATCGGGGTGTGCGACATCCGAGAAGCTGCAGCCCGGGAGCGGG
CGCCAGTGCAGCGGGGAACCGCCTCTGTTTTACTTTTCGTTTCGGAGTGGACCAAGCTCTGCCTCAAGA
GGACGTGCACCCGTCACCTCCTCAGCTTCTCGCTACCACCGCCGAAGATCCTCAGGGTCTCGAGAT
GAACGTTATCGGTCAGATGTTATACAGAAGCTGTCCAGGCAGCTCTTGCTAAACACAAAAGAAAGGAAGA
TGGCAGTCCCATGCCTTCAAACGAAGATCCCTGGTTGTACAGACCTCCATGGATGCCTACACTCCCC
AGATACCTCTTCCGGTTCAGAAGATGAAGGCTCAGTGCAGGGTGATCCAGGGAACCCCACTTCTAGC
CAGGGCAGCATCAACATGGAGCATTGGATCAGTCAGGCCATCCATGGCTTACCACATCAACAACCTCCT
CCTCCTCACTCAGAGTGGGGCAGTGGGCAGCACACCGGCTGGCAGATGTCATGGCCAGACACACAT
AGAAAATCATTCTGCACCTCTGATGTAACCACATACACCTCAGAACACTCAATACAAGTGGAAAGGCCA
CAGGGCTTACCACATCCCGGACAGCACCAAGTATGGCAATGCTGAGCTCATGGAGACTGGGGATGGTG
TACCAGTAAGTAGCCGGTATCAGCAAAAATTCAGCAGCTTGCAATACCTTAAACGACCGAAGAGACC
ACCATTACGGGAATTCCTTGTGATGACTTTGAGGAATTGTTAGAAGTTCAACAACAGATCCAAACCAA
CCAAAGCCAGAGGGCGCCAGATGCTGGCCACAAGAGGGGAGCAGTTGGGAGTCGTCAAAACTGGCCAC
CCTCTTTAGAAGCTGCACTACAACGATGGGGACCATCTCCTCGAAGGCTCCCTGCCTGACTACCATGGA
CACAAATGGCAAACCCCTGTACATCCTCACTTACGGCAAACACTATGGACAAGAAGTATGAAGTTGCTTAC
AACATTACATAAATTAGGTACAAAGCAAGAACCTATGGTACGGCTGGAGACAGGGTGGCGCTAGTGT
TCCCAAACATGACCCTGCTGCTTTCATGGTGGCCTTCTATGGTTGCTTGTGCTGAAGTTGTTCTGT
CCCCATTGAAGTGCCACTACAAGAAAGGATGCAGGGAGCCAACAGATAGTTTCTGCTTGAAGCTGT



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GGAGTAACTGTTGCCTTGACTAGTGATGCCTGTCAAAAGGACTGCCAAAAAGCCCAACAGGAGAGATCC
CACAGTTCAAAGTTGGCCAAAGCTGCTATGGTTTGTACAGAATCAAAACACCTCTCTAAACCTCCTCG
GGATTGGTTTCCACACATCAAAGATGCTAATAACGACACAGCTTATATTGAGTATAAGACGTGTAAGAC
GGAAGTGTCTTGGTGTGACAGTGACGAGGATAGCGCTGTGACACACTGCCAGGCATTACACAGGCCT
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CTCTCCTGGATCCAGAAGTCTGCCAGTATAAAGCAAAAGTGGCTTGTGTGAAATCAAGAGACATGCAT
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CCTCTCAGAGGTCTTACAGTGGAGAGCGCAGACCACTCCAGACCCTGCTGTACACTCTGCTCAATTGT
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TGATGGAGAGGGCCACCTGCAGGACGGAGACCAGTGGCATTAGTCTACCCTCCAGGAATAGACCTTAT
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AATTGATTTGAACTGCTTCGGTCCAGAGAGGCAGCAGCAGCTGTAGATGTCAGGACATGGCCCTCAT
ACTGGACACAGATGATTTGCCAAAGAAGCGCCCTGCCAGATCTACAACTTCCAAACCCAGACACACTG
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ATCCCACCTTCTGAGCTGGAGACCAATCCTGCCTTGTGGCTTCTTGTGTGAGTCAAAAGTCCGGG
ATACCTTCTGTTCTATTAGTGTGGAGCTTTGCACCAAGGGCTGGGCTCACAACTGAGTCCCTTAA
GGCAGCAGGACTGGACTTGTCCCGAGTAAGAACCTGTGTGGTGTGGCAGAAGAGCGTCCCCGAATCGCT
CTTACACAGTCTTCTCAAAGCTCTTAAAGACTTGGGCTCCACCCACGAGCTGTTAGCACTTCATTTG
GCTGCAGAGTGAACCTGGCAATTTGCTTACAGGGGACATCAGGACCTGACCCACCACTGTCTATGTTGA
CATGAGAGCCCTGAGACATGACAGAGTCCGTTGGTGAAGAGGGATCCCCTCACAGCTTACCTGTGATG
GAGTCTGGAAAAATACTTCTGGAGTCCGGATCATTATTGCCAATCCAGAAACGAAAGGCCCTGGGGG
ACTCCACCTTGGAGAGATCTGGGTCCACAGCGCCACAATGCCAGTGGCTATTTTACCATTATGGAGA
TGAATCTCTGCAGTCCGATCATTCAACTCCCGTTGAGTTTGGAGACACCCAGACCATCTGGGCCGA
ACAGGCTACCTGGGCTTCTGCGGAGAAGTGTGCTCACAGATGCAAAATGGAGAGCGCCATGATGCCCTCT
ATGTGGTAGGAGCACTGGATGAAGCCATGGAGCTGCGGGGATGAGGTACCACCAATAGACATAGAGAC
TTCAGTCATCAGAGCCCAAAAAGTGTACAGAATGTGCTGTCTTACCTGGACAAACCTGCTAGTGGTT
GTGGTTGAACTGGATGGGTGAGCAGGAAGCCTTGGACTTGGTCCCTTGGTGACCAATGTGGTCTGG
AAGAGCATTACCTGATTGTAGGCGTAGTAGTCGGTAGACATCGGTGTATCCCATCAACTCCGGGG
AGAAAAACAGCGGATGCACCTACGGGACGGTCTTGGCCGACCAGCTGGATCCCATCTACGTGGCCTAT
AACATG**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107360
Insert Size:	4839 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:	<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_001107360.1, NP_001100830.1</u>
RefSeq Size:	6107 bp
RefSeq ORF:	4839 bp
Locus ID:	307067
Cytogenetics:	17q12.1