

Product datasheet for **RN207151**

Cdc42bpg (NM_001130013) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc42bpg (NM_001130013) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdc42bpg
Synonyms:	RGD1307260
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207151 representing NM_001130013 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCAGCGGCTGCGTGGAGCAGTTGGTACGGGGCGAGGCTGGTGGCAGCCCGGGGCTCGACG
GCCTCCTGGATTGCTGCTGGGGGTGCACCAGGAGCTCAGCAGCGCCCCCTGCGCCGGGAGCGTAACGT
GGCGCAGTTTCTGAGCTGGGCTGGCCCCCTTTGAACAAAAGTGAAGAGCTGCGTTTACAGAGAGATGAC
TTTGAGATCTTGAAGGTATTGGCAGAGGGGCCCTTTGGGAGGTTGCTGTGGTGAGGCAGAGGGACAGTG
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GGAGGAGCGAGATGTTCTAGTGAAGGGAGATAGCCGCTGGGTGACTGCTCTGCACTACGCCCTCCAAGAT
GAGGAGTACCTGTACCTGGTATGGACTACTACGCTGGCGGGGACCTCCTCACACTGCTGAGCCGCTTCG
AGGATCGCCTCCACCTGAGCTGGCCAGTTCTATCTGGCTGAGATGGTTCTGGCCATCCACTCTCTGCA
CCAGCTGGGCTATGTCCACAGGGATGTCAAGCCTGACAACATCCTGCTGGACATGAATGGCCACATCCGC
CTGGCAGACTTTGGCTCCTGCGTCTCAACAACAATGGCATGGTGGATTATCAGTCGAGTTGGGA
CCCCGACTACATCTCTCCTGAGATCCTACAGGCCATGGAGGAAGGCAAGGGCCACTACGGCCACAGTG
TGACTGGTGGTCCCTGGGAGTCTGCGCCTACGAGCTGCTCTTTGGGAAACACCCCTTTATGCAGAGTCT
CTGGTAGAAACCTACGGCAAGATCATGAACCACGAGGACCACCTCCAGTTCCCTCTGATGTAGATGACG
TGCTGTCTAGTGCCAGGCCCTGATCCGGCAGCTGCTGTGCCGTGAGGAGGAGCGGCTGGGCCGCGGTGG
ACTGGACGACTTCCGGAGCCACCCGTTCTTTGAAGGGGTTGATTGGGAGAGACTTGCAACCAGCACAGCA
CCCTACATCCCTGAGCTTCGCGGGCCGGTGGATACCTCCAATTCGATGTGGATGATGATACCTCAACC
GTCCAGAGACGCTGCCACCGTCTCCACGGGGCCTTCTCAGGCCACCACCTGCCATTTGTAGGCTTCAC
TTATACCTCAGGCAGCCTCACTGATGACAAGAGCTCTGAGCTAATGGCTACCCAGAGTGAAGCCCCAC
GGTGTGGAGCAGATGAAGTGGAGCTCAGCCAGAAGTGTCAAGAGGCCCTGCATAGCTCATTACAACCC
AGGAGCTGGTGCAGTGCAGAAAGAAGTACAGGTTCTCAGGAGAACTGACAGAGACACTGAGGGACAG
CAAGGCCTCACTCTCACAGGCTGATGGCCTCCATGTTAGAAGCCAGCCACAGACATCCAACCTACAACAG



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GAGAAGGACCGCCTCCAGCAGGAGCTGGCTGAAGCTCAGGCAGCATTGCAAGTGCGGGATGCTGAACTGT
GCCAAGCCAGAACCCAGCAGGAAGAATTCCTACAGAGGCTGTGGGAAGCCCAAGAGAGAGGAGCAGCTGC
AGCCAGTCAGATCCAGGCCCTGAACTCCAGCTGGAGGAAGCCTGGGTTGTCCGGAGAGAGCTTGAAGGC
CAGGTGAACACCTGAGTCAGGAGGTGACACAGCTCCAGGGACAATGTAAACAAGACTCTTCTTCACAGG
CCAAGACCGTTTCATGCAGCCCCGTAGACCAACGGCATAGGATCTCCTGAGGGTCAGTCTCAAGAGGCCCA
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TTGGCTACTAAGATGGCCGAGGAGCTGGAGTCTTGAGGAATGTGGGCACCCAAACACTCCCTACCCGGC
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TCCGGGAGGAACCTCAAGCTCGAGGACCAGGGGATGCCAAGCCCTGTACCTCCCTCATCCCTCTCCTGTC
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TCCGCACAGCCCTGGGGGTGCACCCGAAACAGGCACAGGCACTGCCTATGAGGGCTTCTGTGGTGCC
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CTTTAGGGTGACAGCCTCCAGCTGACAGTGCCACCATCCACATGTAAGTGTGCTGCTGGCAGAGAAC
GAGGGGGAGCGGGAGCGTTGGCTTCAGGTGCTAAGTGAGCTGCAGCGGCTGCTCCTGGACGACGCCCCA
GGCCCCGACCACTGTACACACTCAAGGAGGCTATGACAATGGAGTGGCGCTGCTGCCTCATACGCTCTG
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CGGACTCCAGTGTCTGTGTGGCAGTCAAGCGCCAAGTTCTCTGTTACCAGCTGGGCCAGGACAGGGC
CCTGGCAGCGCCCATCCGAGAGCTACAAGCGCCAGCTCCCGTGACAGGCTGGGGTTGCTGGGTGATCG
GCTCTGTGTGGGTGCCGCTGGCACCTTTGCTCTTACCCGCTGCTCAATGAGGCTGCGCCCTTAGCGCTG
GGAACCGGCTGGTGGCTGAGGAGCTCCCCGCGTCCCGTGGGGGCTGGGTGAGGCACTGGGTGCTGTGG
AGCTCAGCCTCAGCGAGCTTCTGCTGCTCTCGCCACTGCTGGCGTCTACGTGGATGGCGCTGGCCGCA
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GTGTTCAAGTGAAGTCCATTGATGTGTTTGTGAGTGAGGAGAGCAGAATGGGTACAGACTGTGCCACTCA
AGAAGGTAAGACCCCTAAATCCAGAAGGCTCCTTGCTCCTCTATGGCACCAGAGAAGGTCCGTCTGACCTA
CCTCAGGAATCCATTAGCAGAGAAGGATGAGTTTGACATTCGCGACCTCACGGACAACAGCCGGCGCCAG
CTGTTCCGCACCAAGAGCAAGCGCGCTTCTTCTTCCGGGTGTCTGACGAGCTGCGGCAGCAGCAGCGCA
GGGAGATGCTGAAGGACCTTTTGTGCGCTCCAAGTTCATCTCACCGCCACCAACTTCAACCACCTGGT
GCACGTGGGCCCTACAGAGGGCAGGCCCGGCCAGGGATGGGACCCGGGCTCAGGAACAGAAGAGCAGA
GGCACCCGAGCTCCGGACCGCAGCGGCCCCACAGCTTCTCAGAGGCATTGCGGCGTCCAGTATCCATGG
GCAATGATGGCTCCCTGGAGAAACAGACCCCTGAAGAGGAAAGTTTGGACATCTCTGTCCAGCGAATC
CGTGTCTGCCCCAGGGGTCCCTGAGCCCTGCAGCATCCCTGATACAGGTCTCAGAACGGCCCCGGAGT
CTCCCTCCAGATCTGAGTCAGAGGGCTCCCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001130013

Insert Size:	4656 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:	<u>NM_001130013.1, NP_001123485.1</u>
RefSeq Size:	5967 bp
RefSeq ORF:	4656 bp
Locus ID:	293693
Cytogenetics:	1q43