

Product datasheet for **RN214153**

Dock6 (NM_001108997) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dock6 (NM_001108997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dock6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214153 representing NM_001108997 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCTCGGAGCGCCGCGCCTTCGCTCACAAGATCAACAGGACTGTGGCTGCTGAGGTCCGGAAGC
AGGTGTCCCGGGAACGCAGCGGCTCGCCCCACTCCAGCCGACGCTCCAGTAGTTCTCTGGGGTCCCTCT
GACGGAGGTCAATTGAACCCCTGGACTTTGAGGATGTGCTTCTGAGCCGGCCACCTGAAGTAGAGCCCGGT
CCCCTCAGGGACATGATAGATTTCCAGCTGATGACCTAGAACTACTGAAGCAACCCCGAGAATGCCGGA
CCACAGAATCTGGGGTGCCAGAGGATGGAAAGTTGGACGCCAGGTGAGGGCTGCGGTGGAGATGTACTC
AGAGGACTGGGTCAATTGTACGCAGAAGGTACCAGCACCTGAGTACAGCATACAGTCCCATCACTACAGAG
ACACAGCGAGAGCGGCAGAAAGGCTCACCTGCCAGGTCTTCGAGCAGGATACCCCTGGGGATGAGAGGA
CAGGTCCCGAGGATGTGGATGACTCCCAGCACTGTTCTGGCTCCCGAGAGGACACCCCTCGAAGCAGTGG
AGCCTCAGGCGTCTTCAGCCTGAGGAACCTGGCTGCAGACTCCCTACTGCCACACTGCTTGAGCGGGCA
GCCCCTGAGGACGTGGACCGGCGCAATGAAGCCCTCAGGAGGCAGCACCGGGCCCCCGCCTGCTCACCT
TGTAACCGGCACCTGATGAGGATGAAGCTGTAGAAGCTGCAGCCACCCGGAGCCACCCCGAGAGCACTT
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TTGGCCCTATATGATGTGCGGGAGAAGAAAAGATTTAGAAAATCTCTACTTTGACCTAACTCGGACT
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CTCCGTGACCTACCCCTCTCCTGACATCTTCTGGTTGTCAAGCTGGAAGAGTGTGCAGCAGGGGGAC
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AGAAGCTGCGCCTGGCCGCGGAGCAGTTCTGCACAGGCTGGGCCGCTACCGCATGCCCTTCGCCTGGAC
AGCGGTGCACCTGGCTAACATCGTGAGCAGCGTCGGGCCACAGGACCGGGATTCCGACTCCGAGGGCGAA
CGCAGACCCACTTGGGCCGAACGCCCGCTCGGGGGCCCCAGGATCGAAGCTATAGTGGGGATGATGCCT
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CAGTGAAGAAGACCTTTCAAGTTTTTGGCGGACATGCGGCGACCATCTCCCTGCTGAGGCGATTACGA
CCTGTGACTGCTCAGCTCAAGATTGACATCTCCCTGCACCCGAGAACCTACACTTCTGCCTGTCCCTTG
AGTTACTTCATGTCAAGCCCTACCTGACCCAGGGGACGGCCACCAAGGAGATCCTGGAGTTCCTGCG



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CCGTGAGGTCTACGCCCCCATACCTGTTACAGGAACCTGCTCTTCGTGTACCCACACAGTCTCAATTTT
AGCAGTCGCCAGGGCTCTGTGCGTAACCTGGCCGTGCGCATCCAGTACATGGCAGGGGAAGACCAGAGCC
AGGCCTTGCCGGTCATCTTTGGGAAATCTAGCTGCAGCGAGTTACCCGAGAGGCCTTCACACCAGTGGT
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TACTGCTGTGCACAACCTGCTGTGCAGCCATGATGTTGACTCCGCTACACAGATGCTACGGTGAAGGCC
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ACCAAGGATGAAGTGAACATGAAGCTCTGGTGGATGGAACCTGGCAACAGAGGCCAGCCTGGTGGTTC
TGGACATGTTGGAGATCATCGTGCAGACAGTGTGCTGTGAGAGCCCGTGAGAGCATCCTGGGTGCCGT
GCTGAAAGTTGCTCTACAGTCTTGGGAGCGCCAGAGTGCCCTCTTCTACAGCACGGCTGGCCACC
CAGCGGGCACTGGTCTCAAGTTTCCAGAGCTGCTTTTTCAGGAAGACACGGAGCTTTGTGCCGACCTCT
GCCTGAGGCTTCTGCGACACTGTGGCAGCCGATCAGCACCATCCGCACGCACGCCAGCGCTCGCTCTA
CCTGCTTATGCGCCAGAATTCGAAATTTGGCCATAACTTTGCCCGTGTGAAGATGCTGGTGACCATGTCC
CTGTCTCTCTTGTGGGACAACCTCAGAACTTTAGCGAAGAGCATTGAGAAGATCCCTCAAAACCATCC
TGACCTACGCAGAGGAGGACCTAGGGCTGAGGGACAGCACCTTCGCTGAGCAGGTTACGGACCTCATGTT
CAACCTGCACATGATCCTGACAGACACTGTGAAGATGAAGGAGCACCAGGAGACCCGAGATGCTCATG
GACCTCATGTACAGAATTGCCCGGGCTACCAAGGCTCTCCAGACCTGCGGTTGACATGGCTGCAGAACA
TGGCCAGCAAACATGCGGAGCTGGGCAATCATGCAGAGGCTGCCAATGCATGGTCCATGCCGCTGCCCT
GGTGGCCGAATACCTGGCCCTCCTCGAGGACAGTCGCCACCTGCCTGTGGGCTGTGTGCTTCCAGAAT
GTCTCGTCCAACGTGCTGGAGGAATCTGCCATCTCTGATGACATCCTGTGCGCTGACGAGGAGGGCTTCT
GCTCTGGGAAGAACTTACGGACCTGGGTCTGGTGGGCTGTGGAGCAGGCAGCCGCTACTTACCAT
GGGGGTCTGTATGAAGCAGTGAACGAGGTCTACAAAACCTCATCCCCATCTTGAAGCCACCGAGAC

TACAAGAAGCTGGCCGAGTGCATGGGAAGCTACAGGAGGCCTTCACAAAATCATGCACCAGCCCAGCG
TGTGTTTGGGACGTACTCCGAGTGGGCTTCTATGGTGCACGATTTGGTGACCTGGATGAACAAGAGTTT
GTGTACAAGGAACCGTCGATCACAAGCTGGCAGAGATCTCACACCGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108997
Insert Size:	5442 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_001108997.1, NP_001102467.1</u>
RefSeq Size:	6797 bp
RefSeq ORF:	5442 bp
Locus ID:	367039
Cytogenetics:	8q13