

Product datasheet for **RN217735**

Dock11 (NM_001191760) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dock11 (NM_001191760) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dock11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217735 representing NM_001191760 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCGAAGTGCGCAAATTCACCAAGCGGCTGAGCAAGCCGGGCACAGCAGCCGAGCTCCGCCAGAGCG
TGTCGGAGGCCGTGCGGGGCTCTGTGGTCTGGAAGGCCAAGTTAGTTGAACCCCTGGACTATGAGAA
TGTTATCACCCACGGAACACAGATTTACAGCGATCCCCTCAGAGATCTGCTTATGTTCCCATGGAA
GACATATCTCTCTCAGTGATTGGTCGTCAGCTCAGAACAGTGCAGTCCACTGTACCAGAAGATGCTGAAA
AGAGGGCCAGAGCCTATTTGTCAAAGAGTGTATTAACCTACAGCACAGATTGGCATGTGGTGAACCTA
TAAGTATGAAGATTTCTCTGGGGACTTTTCGGATGCTGCCATGCAAGTCTCTGAGACCAGAAAAGATTCTCT
AATCATGTGTTTGAAGTGTGAGACTGCGAGAAAGATGAGGATTCATCTTCTTTATGTTCTCAGAAGG
GTGGTGTGATAAAGCAAGGATGGCTGCATAAAGCAATGTAAATAGCACCATCACAGTAACCATGAAGGT
GTTCAAGAGACGGTATTTTATTTGACTCAACTGCCCAGTGGTTCATATATTCTCAATTCTTACAAAGAT
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AAATGCGCCGTCATGCTTTGAACTCAAGATGTTAGATAAGTATAGCCATTATCTGGCAGCTGAGACTGA
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TAACCTTCAATATCTTGGGTACATTGGAGACAATGCAAAAGGACCACCCACAAATGTTGAGCCCTTTT
CATCACCTTGCCCTATTTGATGTAAAGAAATTTGAAAATTTAGCCGACTTTTATGATGAGACTTGAAT
CCACCTCTGTCCGAGAAATGCTGTGGGTATGTCTACCAACTGGCTAATGATGGGAACACAAAGGGCT
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AGTGAACCAACCATCTGAAATTTTCTAGTTGTGAGAATTGAAAAGGTGCTGCAGGGAATATCACA
CACTGTGCAGAACCTACATCAAAACTCAGATCCCATAAAGACAGCCGAGGTAACACAGGACAGCTA
AACAAAGTGTAGCCGCTTGGACAATACAGAATGCCCTTTGCTTGGGCAGCCAGACCCATTTTCAAAGA



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TCTTCAGGGCTCTCTGGATCTGGATGGGAAATTTTCCCCTTTGTATAAACAAGACAGTAGCAAGCTTTCA
 AATGAGGATATTCTCAAGTTGCTCTCAGAATATAAAAAGCCAGAAAAGACAAAATTGCAGATTATCCCCG
 GACAGCTGAATATCACAGTGGAGTGCCTTCTGTAGATTACCAAATTGTATTACCTCTTCATATGTGCC
 CCTGAAGCCTTTTGAAAAGAATTGTCAAAATATTACTGTGGAGGTTGAAGAGTTTGTTCAGAAATGACA
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 GCCAGAAATCGTTTGCCAAAGCTAGGAACATTGCCGTCTGTGTGGAATTCGGGATTCCAGATGAAAGTGA
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 CCAAGAGCTCATAAACATTCTCGTGCTCTAGAAATATGTCTGTTTCACTTCCGATATATGGGGAAGA
 AACATAGCAAGGGTGCATGATGCCTGGCTATCCAAACACTTTGGAATAGATCGAAAGTCACAACTATGC
 CAGCTCTTCGAAACAGATCAGGGGTCTGCAGGCTCGGCTTCAGCACCTTAGCAGCTTAGAAAGCTCATT
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 GCTACTGAAGTGTCTCTGACCGTACTAGACACCATCTCCTTTTACCCAGTGCTTCAAGAGCCAACCTT
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 GAGGAAAACCTTTCTGAGGACACACTTGCAGATAATCATTGCTGTAAGTCAACTGATAGCTGATGTAGCA
 CTGAGTGGAGGATCGAGATTTCCAGGAGTCTTTATTCATTATCAATAATTTTGCAATAGCGACAGACCTA
 TGAAGGCAACTGCTTTTCCACAGAAGTGAAGATTTGACCAAGAGGATCCGCACCGTTCTTATGGCCAC
 TGCCCAATGAAGGAGCATGAGAAAGACCCTGAAATGCTAATTGATCTCCAGTACAGCTTAGCTAAATCT
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 ATTATTCCTAGCGGATGTTTCAGCATTCAAGAAAATTACTCCCAATATAGATGAAGAAGGCGCCATGAAG
 GAAGATGCTGGAATGATGGATGTTTACAGTGAAGAAGTTTTGCTGGAGTTACTAGAACAGTGTGTGG
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 GAAACGCCGTGAGTTTGAGAACTGACTCAAGTCTATAGAATCTCCATGGCGCTTACACAAAAATTTTG

GAGGTTATGCACACCAAAAAAGACTTTTAGGTACTTTCTTTAGAGTTGCCTTTTATGCCAGTCCTTTT
TTGAAGAAGAAGATGGGAAAGAGTACATCTATAAAGAACCAGAACTCACGGGCTTTT CAGAGATTTCTTT
CAGACTTGTA AAACTTTTATGGTGAAAAATTTGGAAGTAAAAATATCAAAATAATT CAGGATT CAGACAAG
GTAAATGCCAAAGAGCTTGATCCAAAATTCGCTCATATTC AAGTCACTTATGTGAAGCCCTATTTTGATG
ACAAAGAACTCAGAGAAAGAAAGACAGAGTTTGAAAGGAATCATATATCAACAGATTTGTTTTTGAGGC
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ACTTCAAACCTATTTCCATATGTAAGAAAAAGGATTCCTATAACCTGTGAACAGCAGGTGAATTTAAAC
CAATCGATGTTGCTACTGATGAAATAAAAGATAAAACTGCAGAGCTACACAAGCTTTGCTCCTCTGCTGA
CGTGGACATGATTGCTCAGCTTCAGCTAAAGTTGCAGGGCTGTGTCTCTGTT CAGGTCAATGCTGGTCCATT
GCATATGCGAGAGCTTTCTTAATGAGAGTCAAGCTAACAAGTATCCACCTAAGAAAGTGATGAGTTG
AGGACATGTTTAGGAAATTCATACAGGCATGCAGCATTCGACTTGAACATAAATGAGCGGCTAAATTAAGA
GGATCAAATTGAGTACCATGAAGGACTAAAAATCAAATTT CAGAGACATGGTCAAAGAATTGTCTGCACATT
ATCCATGAGCAGATATTACAAGAAGACACGATGCATTCTCCCTGGATGAACAACACATTACATGTATTTT
GTGCAATTAGTGGTACATCAAGTAACAGAGGGTATGGTTCCCAAGATACTCTGAAGTA TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001191760

Insert Size: 6222 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191760.1, NP_001178689.1

RefSeq Size: 6660 bp

RefSeq ORF: 6222 bp

Locus ID: 313438

Cytogenetics: Xq35