

Product datasheet for RN215029

Dock1 (NM_001143858) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dock1 (NM_001143858) Rat Untagged Clone
Tag: Tag Free
Symbol: Dock1
Synonyms: RGD1566072
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215029 representing NM_001143858
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGCGCTGGGTCCCCACAAACGAGAGGAGAAGTACGGCGTGGCTTTTTATAACTACGATGCCAGGG
GAGCTGATGAATTGTCCTTACAAATAGGAGACACGGTGCACATCTAGAACTTATGAAGGGTGGTACAG
AGGCTACACCTTAAGGAAAAAGTCTAAAAAGGTATATTTCTGCTTCGTATATTCATCTTAAAGAAGCC
ATTGTTGAAGGAAAAGGGCAGCATGAACTGTCATCCCCGGGACCTCCCCCTCATACAGGAAGTCACCA
CAACGCTCCGAGAGTGGTCTACCATCTGGAGACAACCTTTATGTGCAAGATAATAGGGAGATGTTTCGAAG
TGTTCCGGCACATGATCTATGACCTTATTGAGTGGCGGTCCGAGATTCTTTCTGGAACCTGCCCCAGGAT
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 GCCTATCAACCCTGTCCATGCTCCTGAATGGCATTGTGGATCCTGCTGTGATGGGAGGCTTTGCCAAT
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 CACCCCTTCAAGGCCAGGCTCTGATGGATTTGCTCTCGAGCCTCTGCTGCCGAAGAAGATGCACTCCAGG
 TCCAGGACAAGCTAGACAAGGACGATCCAGATAAAGAGAAGAAGGACAAGAAGAAGGAGAAAAAGGAACA

GCAAACACCAAGAGATATTTGATAAGGAATTCAAGCCTGCTGACAGCTCCCTGCAGCAGTCTGAGGCTGT
GATCCTGTCTGAAACGATAAGTCCCCTGCGACCCCAAAGACCCAAGAGCCAGGTGATCAATGTCATTGGA
AGCGAAAGACGCTTCTCTGTGTCTCCAGCTTACCCTGCTCCAGCCGACACCCCTCCAGTACACCAA
GAGCCAAGCTCAGCTTACGATTCAGCCCAATCTGGAGCTGAATGGCATGATGGGATGGATGTGGCCGA
TGTCCCACCCCTCTGCCCTCAAAGGCAACATGGCAGATTATGGAAATCTGATGGAAAACCAGGATTTG
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CACCTCCTCCCCCTCCGAAGACGACCCGAAAGCAGACCTCAGTGGACTCTGGGATCGTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001143858
Insert Size:	5595 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_001143858.1, NP_001137330.1</u>
RefSeq Size:	6785 bp
RefSeq ORF:	5595 bp
Locus ID:	309081
Cytogenetics:	1q41