

## Product datasheet for **MC225140**

### Dock3 (NM\_153413) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dock3 (NM\_153413) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dock3  
**Synonyms:** mKIAA0299; MOCA; PBP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC225140 representing NM\_153413  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTGGACCCCGGAGGAGGAGAAATACGGCGTAGTGATATGCAGCTTCGAGGATCTGTCCCTCAAG  
GCCTGGTCTTAGAAATAGGAGAAACAGTTCAGATTCCTGAAAAATGTGAAGTTGGTACAGAGGAGTTTC  
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AACAGGGGGCAGTATGAACTGTGGTCCGCTGGAAGATTCTATTGTGACTGAAGTTACAACAACCTAC  
AAGAGTGGCCAGTCTGTGAAACAACATATGTGAAACACAAAGTAGATCTTTTCTACAACTCCGCCA  
TGTGATGAATGAACCTATTGACCTGCGAAGGCAGCTACTGTCTGGTCACTGACACAGGATCAGGTGCGG  
GAGGTTAAGCGGCACATCACCGTGCCTGGACTGGGGTAATGAGCATTGGGCCGGACTTGGTGCCTC  
GGAAGGACTTTGAAGTAGTGATTAGACCAGATTAGCGTCTCAGATCTCTATAAAATGCATTTATCTAG  
CCGGCAGAGTGTACAGCAGAGCAGATCCCAAGTAGATAACAATGCGCCCAAGGCATGGGGAAACCTGTCGA  
ATGCCGTACCACATCATTTCTTCTCAGCCTGAAGAGTTTACCTATAATACCATTGGTGAAGATAGTG  
ATGTCTTCTTTCTGTATGACATGAGAGAAGCAAGCAGATCAGTGAACGGTTTCTGGTGAGACTGAA  
CAAGAATGGTGGCCCAAGGAACCCAGAGAAGATAGAACGAATGTGTGCCCTTTTACAGATCTGAGCAGC  
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AGTGAATGGACCCAGATTCATGAGAACATCATCCGAAAGTCAAGTACCAAGTACTCTGCCCCAGTGCCA  
GCCATGGTCTTATTTCCCTCAGCTTTTTCGTGGTGACATGGAACAGATCCGGAGAGAAAATCCCAT  
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CGCAATGATTTGTACCTAACACTGGAGAAGGGAGACTTTGAAAGAGGGGGAAAGAGTGTACAAAAGAATA  
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AGAGCCAAATAGGAGTTCCTATCACTCCTTTGTTCTCTACCACAGTAATAGTCCCTCGCTGGGAGAAAT  
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CAAAGGACAAAGGGGAAAAGAACTCTTTGGCTTTGCGTTCTCTCCGCTGATGCGTGATGATGGCACCAC  
 ACTCTCAGATGATATTCATGAGCTTTATGTGTATAAGTGTGATGAGAATAGCACATTTAAACAACCATGCC  
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 TCCAGCGCAGCGCCAAAGAGTCTTTCTCATTTCTACACAACCTCTTCTACAAACTCACACAAAATGT  
 GGACCTCCTTGCTCTGCTGAAATGGAAGGCCTCCAGACCGGATCATGGACATATTAGGGCGGTTGCGG  
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 CTGCTTCTTTACTGCGAGCTGCTACAATGGGAAGACCGGCCATTACGGGAGTTTCTACACTACCCATCCC  
 AAAGTGAAGTGGCAGCGGAAAGAGGGACTGTGTAGAAAAGTATCCACTACTTCAACAAAGGCAAGAGCTG  
 GGAGTTTGGAAATCCTCTATGTAGAGAGCTGCCATGCCAGTACGAGAGCCTCTATGACTACCAGAGCCTC  
 AGCTGGATCCGGAAAAATGGAGGCCAGCTACTATGACAACATCATAGAGCAGCAACGCCTGGAACTGAGT  
 TCTTCCGGTGGTTTTATGGCAGGAAGTTTCTTTCTTCTTCCGGAACAAAGAATATGTGTCCGTTGG  
 TCATGACTACGAGAGGCTAGAAGCCTTCCAACAGAGGATGCTGAGCGAGTCCCACAGGCCGTTGCTATG  
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 TTGAAGTGGAAAGAAGGGAAGTGGTGGAGGTGAGCCCTCTGGAGAATGCAATCCAGGTAGTTGAGAATAA  
 GAACCAGGAACTGCGAGCTCTGATCAGCCAGTATCAGCACAAGCAGGTACATGGCAACATCAATCTGCTC  
 AGCATGTGCTGAACGGAGTCAATGACGCTGCTGTCAATGGAGGATTGCAGCTACCAGGAGGCCCTTTT  
 TTGATAAAGATTATACCAAGCACCCAGGAGACGCTGAGAAGTCTCCAGCTCAAAGAACTAATGCA  
 GGAACAGGTCCATGTTCTTGGAGTTGGGCTGGCGTTTCATGAGAAGTTTGTGCATCCGGAATGCGGCC  
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 ATAAGCTAAGTCTGCATGTTACGGCACCAGCACCCACGGGAAATGTTCTGGCATCCCATAGCCCAT  
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 TCATCCTCTCTCTCATGATGATCTAGTGAAGCAGGAAACATGATGATGATGGGTGACAACTCTATGG  
 GTGAAGCTCCTGAAGACCTTACCACCACATGCAGTTGCATATCACACCCAGGTACCAGGGCTCAGT

CACCAACGTCTCTGTTCTGTCCTCGTCCCAGGCAAGCCCTTCTTCTCCAGCCTGAGTTCTACACATTCA  
 GCTCCGTCAGATGATCACCTCTGCCCTTCCAGCACCCGAGGCTCTCCCTCTCTGCCAGATAAGTACC  
 GACATGCCCGGAAATGATGTTGCTGTTGCCTACACATCGGGACCGCCAAGCAGTGCCATGTATCCAGC  
 AGCCATCTAGAGAATGGACAGCCACAACTTCCAGCGGGCCCTGTTCCAGCAAGTAGTTGGAGCCTGT  
 AAACCTGCAGTGACCCAATCTGTCTATGGCTGAAAAGGTCTTACTCCCTACACTTCGACGCCTTCC  
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 CCCAGCCTCCCCTACAAGCCCCCAATCGGGCCTGGATGGCAGCAACTCCACGCTGTCTGGCAGCCAGT  
 AGCGGTGTATCCTCCTTAAGTGAGAGTAACTTTGGGCATTCTCAGAGGCCACCTCGAACAGACACCA  
 TGGACTCCATGCCAAGCCAGGCCTGGAATGGCGATGAAGACCTTGAGCCGCCCTACCTCCCTGTCCACTA  
 CAGCCTCTCTGAATCTGCTGTCCTTGTATGCCATCAAGTCCAGCCATGCAGGAGCCACTAGCCCCAGGG  
 TGTGTCTCCCTCAGGATCCCATGGACCCACTGCGCTGCCACCAAGCCCTATCACCCCGCCTGCCAG  
 CCCTAGAGCATGATGAGGGTATGCTATTGCGGGAGGAGGCTGAGAGGCCAAGGGGCTGCACCGCAAGGC  
 CTCCTGCCTCTGGAAGTGTCAAGGAGGAACAGGCCCGCTGGCCTGGGAGCACGGCCGAGGGGAACAG  
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_153413
- Insert Size:** 6093 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:** [NM\\_153413.2](#), [NP\\_700462.2](#)
- RefSeq Size:** 9067 bp
- RefSeq ORF:** 6093 bp
- Locus ID:** 208869
- Cytogenetics:** 9 F1