

Product datasheet for **MC209939**

Dctn3 (NM_001159565) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dctn3 (NM_001159565) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dctn3
Synonyms: p24
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209939 representing NM_001159565
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCTCTGACCGATGTGCAGCGGCTACAGTCTCGAGTGGAGGAGCTGGAGCGCTGGGTGTACGGCC
CGGGCGGGACCCGAGGCTCCAGGAAGGTGGCTGACGGTCTGGTCAAGGTGCAGGTGGCTTTAGGGAACAT
TGCCAGTAAGAGGGAGAGGGTGAAGATTCTCTACAAAAAGATTGAAGACCTGATTAATACCTGGATCCT
GAGTACATTGATCGCATTGCCATACCTGAGGCCTCGAAGTTGCAGTTCATCTTAGCAGAGGAGCAGTTCA
TCCTCTCCAGGTGGCACTCCTGGAACAAGTGAACGCCCTGGTGCCTGTGCTGGACAGCGCTTCTATCAA
AGCTGTTCTGAGCATGCTGCCCGCTGCAGCGCTGGCGCAGATCCACATCCAGCAGCAGTTTGTGCAG
TGGGATGAGTTACTCTGCCAGCTAGAGGCTGCCAAGCAAGTGAAGCCAGCAGAGGAAT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001159565
Insert Size: 480 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).



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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_001159565.1, NP_001153037.1</u>
RefSeq Size:	885 bp
RefSeq ORF:	480 bp
Locus ID:	53598
UniProt ID:	<u>Q9Z0Y1</u>
Cytogenetics:	4 A5
Gene Summary:	<p>Together with dynein may be involved in spindle assembly and cytokinesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several in-frame segments in the 3' coding region, compared to variant 1, which results in a shorter protein (isoform B), compared to isoform A.</p>