

Product datasheet for **MC204521**

Drc3 (NM_029044) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drc3 (NM_029044) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Drc3
Synonyms:	4930449E07Rik; Lrrc48; m6Bei
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018412
 GGCGGTGTTTGGTTCCTCCAGCAACCAACGAAGCGTCTACTGCAAGGAGAGACAGTCCTTAGGAAGGGAA
 ACCAGTGACGAGGCTACCTGGTTGATTTGTTTGTAAAGCTTTCTGCTGCTTCCACATCCTACCTCTGG
 TCTTCACCAAGGACACTATCATCAGGAACCGTATGTGAAGGAGGAAGCCAATTTCTCAGCGAAGATGAGC
 CGGCCATATGACTCGATGGAGCCAAAAGTAATGGACGATGACATGCTCAAAGCAGCTGTCGGGGAGCAAG
 GGCCCCAGGAAGAAGCTGGCAGCTAGCCAAGCAGGAGGGCATCCTCTTCAAAGATGTCCTGTCCCTGCA
 GCTGGACTTCCAGAACATCCTCCGCATCGATAACCTCTGGCAGTTTGAGAACCTGAAGAAGCTGCAACTG
 AACAAACAACATCATCGAGCGCATCGAGGGCCTGACGAACCTCATACACCTCGTCTGGCTGGATTTGTCTT
 TTAACAACATCGAGGCCATCGAGGGCCTGGATACCCTGGTCAACCTGGAGGACCTGAGCTTGTCCATAA
 CCGGATCTCCAAGGTGGACTCTCTAGATGCCCTGGTGAAGCTGCAGGTGCTGCTACTGGGCAACAACAG
 ATTAGCAACATGATGAATATCATCTACCTGCGCCGTTCCCGTGCCTGCGAACACTCAGTCTCGTGGGA
 ATCCCCTTTCTGAGGCAGAGGAGTACAAGATGTTTATCTATGCCTATCTTTCTGACCTCGTACTTGGGA
 CTTCCGGCGCGTTGATGAGCAGATGAGAGAGATGGCGAAGATGAAACATCAGTACAGCATTGACGAGCTG
 AAGCACCGGAGGCACAGCTGCAGATGAAGCTGGAGGAGGAGCAGGCCAAGCAGGAGAAGCTGGAGGAAC
 ACAAGATGGCGTTTGTGAGCACCTGAACGGCCCTTCTGTTTGACAGCATGTATCCGAGGATGTGGA
 GGCAACAAGCTGTCCTACCTGCCTGGTGTAGAGAGCTCCTTGAAGCCTACAAGGACAAGTTTGTCTATC
 ATCTGCCTGAACATTTTTGAGTATGGCCTGAATCAGCAAGAAAAACGGAAGGTAGAGTTAGACACTTTCA
 ATGAGTGCATACAGGAGGCCATCCTGAAAAACCAGGACCAGGGCAAGCTCAAGGTTGCCAAGTTTGGGA
 AAAGCACTTGCTGAACCTAAATGCCATCCGGGAAGAGACTGATCTGTCCAACATCGAGAAGAAGCTGACG
 GAGTGCATGAGAGCATCGGTGAGCTGTTCAACACACTCATGATCCTGGAGATGCAGCTGGTGGAAACAGC
 TGGAGGAGACCATAAACATATTTGAAAGAAATATCACTGACTTGGTGGGACTATTTATTGAAAATGTCCA
 AAGTCTGATTGCTCAGTGCCGGGACCTGGAGAACCATCACCATGAGAAGCTCCTGGAGATCGCCATCAAC
 ACCCTGGAGAAGATCCTCAAGGGCGAGATGGACGAGACTTACCCGATGACGTGCGGGCGCTTTTTGTTG
 ACAAAGACACAATTGTTAATGCCGTTGGGGCATCACATGACATCCACCTCCTGAAGATTGACAACCGGGA
 AGATGAGCTGGTACTGGAATCAACTCTTGGTGTGCACATCTAGTAGACAAGATTACAAAAGATGAGATC
 ATGAGGAACCGTAAGCGAGTGAAGGAGATCAATCAATTCGTGACCACATGCAGAGTGAAGTGGACAACC
 TGGAAATGTGGAGACATTATAGATTAGGTGTCAGCCATTGCCCTGAGAGTTATGGGATTTTTTTCGTTCA
 CCCCTCTCTCAACACTGTTGTAATAATTCTCAATATAGAGAAAATTATATAGAGAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI

ACCN: NM_029044

Insert Size: 1572 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: [BC018412](#), [AAH18412](#)

RefSeq Size: 1892 bp

RefSeq ORF: 1572 bp

Locus ID: 74665

UniProt ID: [Q9D5E4](#)

Cytogenetics: 11 B2

Gene Summary: Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes.[UniProtKB/Swiss-Prot Function]