

Product datasheet for **MC219361**

Dnaaf3 (NM_001033548) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnaaf3 (NM_001033548) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnaaf3
Synonyms:	6030429G01Rik; b2b1739Clo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219361 representing NM_001033548
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCACGCCTGCGGGCTCGGGCACCGGTTATGGTAGTGTGCTCGTGGTGGGTCTGTCCCCGGCGCTGG
 ACCTACAGGCAGAAAGTCCTCCTGTAGACCCAGATTACAGTCGAAAACAGAGCCAAAGTCCCAGAACT
 GGATGCCTGCTGTTAGGTTCTGTGGATGGTAGACACATGCTGCGGACCCTGGCCAGGGCAGCGCTCTGG
 CCTCTCAGGAGCTTCAATTTTTATGTGCTGGAGAATAATCTGGAAGCGGTAGCCCAGACACATGCTGATCT
 TCAGTCTAGCCCTAGAGGAACCTGAGAAGATGGGGCTCCAAGAGCGGAGTGAGACCTTCTGGAGCTGTG
 GGGGAACGCGCTGCTGCGACCCTCGGTAGCTGCCTTCTGCGCGCTCAGGCTAGCCACCTGGCTAATCTG
 GTCTGGAGCCTGATCGCTGGAGGAGCAACTACCTGGCTTAGTCTTCGGCTGCTCAAGTTCGCGGAGC
 GGGATGCCTGGAGGCCGTGTTCCGTTTCTGGTCTGGTGGGAGAAGGGACCTGAAGTCTTCCCATGAG
 TCGCTTTGGGACTCGAGTTGCGCCACTACCTGGGTTCCCGCTACGATGCCCGCGTGGTGTTCGGCAG
 TGGGACCTACGCATGAAGCTGCATGATCGAGGGGCCAAAGTTATCCATATCCAGGAATTCGACGCTGGC
 GGGATACAGGTGTTGCCTTTGAACTCAGAGACTTGAGTGTACCATGTGCCAACAGGACTCTGGCATC
 AGGTCGCCTCCTGAGCCACCGTGGGAAACGCGTGGCTGCGCGCGGATACTGGGGGACATCGCCACGGGG
 CCCTTTATGGCTTTTGGCATCGAGGCGGACGACCAAAGCCTTTACGGACGAGAAACGGACAACCAAGTCA
 AGACTGCGAGCGAGATCACGCAGCACACGTACAGAGCTGTTCCGAGAAGTAGCCGCCTGGAGGGGGCC
 GAGAGCCATCCAGGGGAATGTGGAGGAGACAGAGTCGCCCAGCCAGATGTGCCTGCTCAAGAACCCTTC
 ACTATCCACTTCTGCCTCTCGATTCTTCGCAGACTCTCCACCACAAGACTTGTACCAGGGCCGGTTCC
 AGCTCCTACGTGCTCCTGTGGGATGGTCCATCTCTCAGCCCTGAGCTCGGGGCTTGCCTGGCCCGCGG
 AGGGAACCTGGTTGTGGAATTAGCTCGTACTTGGTGGACCTGCGGCCCAAGGAGTTGAAGGCGTTCTCT
 GACCGCGTTGTAGAGATAGCGCGGTGGCTGGGTTGCGCCCTCACACTGCAACCAAAACCTCGGAGACTT
 TTGCGAGGTTCTACAAGTTAGGGGACTCCACTCCGGGTGGCGGAGACTCAGCTGTGGAATCTGGACCCGC
 GCCCTCCAAAGTGAATCTACCCGCGCCCTCTCCAGAATCGATAAGTCCGCCCCAGGCTAACCAGGCC
 CCCTCTAGAGGCGATGAGCCACCCCTGGCTGACCTGGCCCCACCTCTAGAGACAATGTGTCCACCCC
 AGGCCAACCGCCCTCCTCTAGAAGCGTTGAGCCCTCAAAGCTGACCAGATCCCACCTCTAGAGGC
 GATGAGCCACCCAGGCTAAGCTAGTCTGCCTGTAGAAGCAATCAGCCTTCCCAAGCCGACCTGGCC
 TCTCTCCGGAAGTGATAAGCCCACTCCAGGAAGCTATGGCAACGTCCTGGTGAATGCACCTCCAAAAC
 ATGTAACATGA

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001033548
- Insert Size:** 1761 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_001033548.2](#), [NP_001028720.1](#)

RefSeq Size: 2189 bp

RefSeq ORF: 1761 bp

Locus ID: 436022

UniProt ID: [Q3UYV8](#)

Cytogenetics: 7 A1

Gene Summary: Required for the assembly of axonemal inner and outer dynein arms. Involved in preassembly of dyneins into complexes before their transport into cilia (By similarity).[UniProtKB/Swiss-Prot Function]