

Product datasheet for **MC204904**

Dnaaf1 (NM_026648) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnaaf1 (NM_026648) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnaaf1
Synonyms:	4930457P18Rik; Lrrc50; m4Bei
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050751
 GCGGACCGTAGAGTATTAGGGCTGAGTGGTCGGGCCAGGAGTGAAGCATGCACCCCGAAGTCTCTGAGCCG
 CCGGTGGACAGCGTGGCGGAGCCAGTCTGGAGGAGTCCGCAGGCGATCACGGCGACGCGGGGCCAGGGA
 TCCGTAAGAAGAAATAGTGAGACCAAGGAAACATGTGCGGGTCTTGCACAACATCCTGCCAAGTCA
 GCAGCAACCAAGTGGCGACAACGGGTGAGAGGGCTTCTGCACCCACTCGAGAGATGACAGAGAGGATCGG
 GGCCCCAGGATGACGAAACAGTTCCTTCAAAGCTCTGCAAGCAGCACAAGCTGTACGTACCCCCGCC
 TGAACGACACCCCTGTATTTGCACTTTAAGGGCTTTGACCGCATTGAGAACCCTGGAGGAGTACACGGGCT
 GCGCTGCCTCTGGCTGGAGTGAATGGCATCCAGAGGATCGAGAATCTGCAGGCCAGAGCGAAGTCCGC
 TGCTTCTCTGCAAGTGAACCTGTTGCACAAGATCGAGAACCCTGGAGCCCTCCAGAAGCTGGAGCCCC
 TCAACCTGAGCAACAACACTACATCAAGACCATTGAGAACCCTCTCCTGCCTCCCTGTCTGAAACACTGCA
 AATGGCCCAACCGCTGGAGACGGTGGCTGACATTGAGCACCTCAGGGAGTGTCTGCGACTCTGTGTC
 CTCGACCTCTCCACAATGCGCTGAGTGACCCTGAGATCCTGAGCGTGTAGAGAGCATGCCCTGTCTGC
 GTGTGCTGAACCTCATGGGAAACCCAGTGACCAAAACATCCCTAACTACCGCAGGACGGTCACTGTCCG
 TCTGAAGCACTTGACTTATCTGGATGACAGGCCAGTTTTCCCAAGGACAGGGCGTGTGCAGAGGCATGG
 GCCGAGGTGGGTATGCCGCCGAGAAGGAAGAGCGTCGCCAGTGGGAGAGCAGGGAACACAAGAAGATAA
 CAGACAGCCTGGAAGCCTTGCCATGATCAAGCGTCGGGCTGAGGAGCGGAAGAAGCAAGAGATAGAGG
 GGAGACACCCCTGCCAGACAGCGAAGGGAGTATCCCCACAGCCCGGAGGCTGAGGAAAAGCAACCCATG
 GGGAAATCCAGAAGAAGATGGAGTTGTTGTGGAGGAGAGCTTTGAAGCCAAAGATGAACTGTTCCAG
 AGACGCCAGGAGGAGAAAAGGAGCTGCATGTGGTTGTGGTGAATGGGCGAGTGGAGAATCCAGACCTGTC
 TGGGAGCTGGCTCACAACCAGACACCTGTGGTGGTCAACCCGGAAGAGTCTACATCTCCAGTGGCAGCT
 ACTGATGGGGCCAGAACTGAAGATATAGAGGCCGTTGCCGTGGAGATCAAGGAGAGGCTTTTCATTGATG
 ACCTTCTGACTTGGAAGATGCTGAGGGTACAGATGTGTCTGTGGAAGACCAGATAAAGGAGACAGACAT
 CCCGAGAATCCAGGCCATTTCCAGCTTGAGTGACGACAGTGAACCGGAGCTGGACGAGCTGTCCCTCTCC
 AGTCTGAGGCCACTCCACAGGCGCCACAGGTGCCCTCTCACACATATTTGCCATCTCCAAGGGCCCT
 CCACGGCAGCCAGGTGCCTTTACAGACATATGTAAGCCAATAGCAACAACGGACTTAGAAAGCCAAGG
 TCAAGACTGCGGTGCAGCGGCCTCACGCCCTCATCCAGGAGCTCAATGATGAGCCGGCAGAGGAAGCA
 GCAAACAGCCACTGCCGCCCAAACCTGTGCGAGTGACCCTGCACCTGCCACCCCTAGTGAAGATGGAG
 ACAGCGACAGCCAGCTGCCTGCAGCCACTCTGCTAGGAGATGGAGCGGAGGATGAAGCAGAGTCTTCGGT
 GCACCCGAAGGAGCCAGCACCCGGTAGGCCTAGAAGATATTGAATTTGGCTTGACTGAACCCCAAGG
 CAGTCTACATTGTTGGGCTAGCGGTGGCGCAGCAGATGCAGGGCACCCCTCTCCCGTGCATCACTGTGCTC
 TTGAGCCTGCAAGGCAGGTGCGTGAAGCTACACCAATGTGCCTTGTACCCAACACGTGCGTATCCCCTGG
 TTACAGACCCCAAGAACATAAACACTTTAAGACGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Sfil-Sfil
- ACCN:** NM_026648
- Insert Size:** 1905 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: [BC050751](#), [AAH50751](#)

RefSeq Size: 2167 bp

RefSeq ORF: 1905 bp

Locus ID: 68270

UniProt ID: [Q9D2H9](#)

Cytogenetics: 8 E1

Gene Summary: Cilium-specific protein required for the stability of the ciliary architecture. Plays a role in cytoplasmic preassembly of dynein arms (By similarity). Involved in regulation of microtubule-based cilia and actin-based brush border microvilli (By similarity).[UniProtKB/Swiss-Prot Function]