

Product datasheet for MC200958

Fopnl (NM_025345) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fopnl (NM_025345) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fopnl
Synonyms: 0610037P05Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011300 sequence for NM_025345
 GCCGTTGAAAAATGGCGACTGTTACGGAAGCTGAAAGCTGTTTTAAAGGACACCTTGAAAAAAGGGGAGT
 GTTAGGACATTTAAAAGCAAGGATCCGTGCTGAAGTTTTCAATGCCCTGGATGATGATCGTGAACCCCGA
 CCGTCTTTGTCTCATGAGAACCTTCTAATTAATGAATTAATTAGGGAGTATTTGGAATTCATAAATATA
 AATACACAGCCTCTGTCCTCATAGCAGAATCTGGTCAACCTGTAGTTCATTGGACAGACAGTTTCTCAT
 CCGTGAATAAATGCCTTTGAAGAATCAAAGGATAACTCAATTCCTCTATTGTATGGAATTTAGCCCAT
 TTCTTGGCTGGTCTCCAGATGGAGCCAGAATGTGCTTCTGACAGAGTCAACCTGCACCCGGCAACCA
 AGCATCTCAGCTGGAAGCCAGCAGAAGACCTGACGATGACCACGTGAGGAAGGACACAGGGCCAAGAAC
 CACAAGTGAAGAGCTTCTGCTGCTGCACAAGCAGTCAGCAGATGATGCGATGCATACACCAGGCTCATC
 ACCTCAGCTGTGTGGAGTAACCGACGTATTATCCCAATGCCATCAATTAGACCACCACTGCTTGTA
 ATGTTTGAGTGTCTGCATTGAGCCACTCATGGTTTACTGCATCTGTGAAAGCTGATCTGTCGTCTCGCT
 TGCTGGATGCCACTGGGAAAATTTATTGTTTTAGGATGATTTTTAAAGTTCTCATTTGTGAAATCTG
 AAAGGGCTTTTTAGTACTTTGTATAGGGTTTTGTTTTGGGTTTTTTGGCCAGCTCTAAGGGCTGTTGCTA
 TGCTGCTGGTAAAGCACTTCCCTCCCTATGCAAGGTCCTGGGTTCCAGTCCCTAGCACTGAAGAAAGAAAGC
 ACAAGAACAGGCTTTGTCCATGTGCTCTGCTCATTAACTTTTTTCCAGTGAAGTATATGGACCTATG
 GGGAAAGTCATTCATGTTTTGAAAAATATCTAAAGGAATATTAACCAGAACTTAATTTATATGAAGT
 TTGATTTTTTAAAAAATACCTGAATTATTATGCTGCCTGGCTAGTTTTATATCAACTTGATACAAGC
 TAGAGTCATTTGGGAGAGGGACTCTGAATTGAGAAAAATCCCTCCATCAGATTGGCTTATGGGCAAACT
 GTAGTACATTTTCTTGATTCATGATTGATATGGGAGGGTCCAGCCACAGTGGTGGTGCACCCCTGG
 GCAGGTGATCCTGGGTTAGTAAGAAAGACTGAGCAAGCCATGGGAGCAAGCCACTAAGTAGCACTCCT
 CTGTGGCCTCTGCATTAACCTTCTGCCGTGATTTCTCTCAGTGACAACTGTGATGTTGAAGTGAAGCTG
 AAATAACCTTCTTCTCCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025345
Insert Size: 525 bp



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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:	<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>BC011300</u> , <u>AAH11300</u>
RefSeq Size:	1438 bp
RefSeq ORF:	525 bp
Locus ID:	66086
UniProt ID:	<u>Q9CZS3</u>
Cytogenetics:	16 A1
Gene Summary:	Involved in the biogenesis of cilia (By similarity). Required for the recruitment of PLK1 to centrosomes and S phase progression (By similarity).[UniProtKB/Swiss-Prot Function]