

Product datasheet for **RR213139**

Fopnl (NM_001108261) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fopnl (NM_001108261) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fopnl
Synonyms: RGD1305823
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213139 representing NM_001108261
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACTGTTACTGAGCTGAAAGCTGTTTTAAAGGACACCTTGGAAAAAGGGGAGTGTAAAGACATT
 TAAAAGCAAGGATCCGTGCTGAAGTTTTCAATGCTCTGGATGATGATCGTAACCCCGACCATTGTTGTC
 TCATGAGAACCTTCTAATTAATGAATTAATTAGGGAGTATTTGGAATTCACAAATATAAATACACAGCC
 TCTGTCCCTCATAGCAGAACTCTGGTCAACCTGTAGTTCATTGGACAGACAGTTTCTCATCCGTGAACATA
 ATGCCTTTGAAGAATCAAAGGATAAATCAATTCCTCTGTTATATGGAATTTAGCCCATTTCTTGCGTGG
 TCCTCCAGACGGAGCCAGAATGTGCTTCTGACAGAATCAACTGCACCCTGCAACAAGCATGTCAGC
 TGGAAAGCCAGCAGAAGACCAGATGATGACCACCTGAAGAAGGACACAGGGCCAAGAACCATGACTGAAG
 AGCTTCATGCTGCTGCACAGGCAGTCATTAGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213139 representing NM_001108261
 Red=Cloning site Green=Tags(s)

MATVTELKAVLKDTLEKRGVLRHLKARIRAEVFNALDDDREPRLLSHENLLINELIREYLEFNKYKYTA
 SVLIAESGQPVVPLDRQFLIRELNAFEESKDNSIPLLYGILAHFLRGGPDGAQNVLLTESTLHPANKHVS
 WKPSRRPDDHLLKDTGPRTMTEELHAAAQAVIR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_001108261.1</u> , <u>NP_001101731.1</u>
RefSeq Size:	1455 bp
RefSeq ORF:	525 bp
Locus ID:	360461
Cytogenetics:	10q11
MW:	19.8 kDa