

Product datasheet for RN209766

Fmnl1 (NM_001105846) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fmnl1 (NM_001105846) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Fmnl1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN209766 representing NM_001105846
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCAACGCGGCTGGCAGCGCTGAGCAGCCCGGGCCCCACCGCATCGCCCCGAAGCAGCCAGCCG
 TCCCAAGCAACCGATGCCGGCGCCGGGAGCTGGAGGAGAGGTTACGCGAGTCTTGAAGTGTATGAA
 CTGGCTCCCGACAAAGTCCAGCTGCTGAGCCAGTATGACAATGAGAAGAAATGGGAGCTCATCTGTGAC
 CAGGAGCGGTTTTCAAGTCAAGAATCCCCCTGCAGCCTACATTGAGAAGCTGAAGAGCTACTTAGATACCG
 GTGGGGTCAGCCGAAAGGTAGCAACTGATTGGATGTCCAACCTGGGGTTAAGAGGCGAGTTCAGGAGTC
 TACTCAGGTGCTGCGGGAGCTGGAGACCTCCCTGAGGACAAACCACATTGGGTGGGTGCAGGAGTTCCTC
 AATGAAGAGAACCGAGGTCTGGATGTCCTGCTTGAGTACCTGGCCTTGGCCAGTCTCTGTTGCGTATG
 ACATGGAAGCACAGAAAATGTGGCCTCAGGCACAGAGAACAAGCCCTTGGAAACAGTCCGTGGAAGA
 CCTCAGCAAGGCCACCCTCATCTGTGCCAAAAGTCGCTGACCATCAAGCTGACCCCGCCACAGC
 AGGAAGGCACTGAGGAATCCCGGATTGTCAGCCAGAAGGACGACGTCCACGTGTGCATCATGTGTCTGA
 GAGCCATCATGAACTACCAGGTGTGCGGGGAGCAGCACAGATTTGAAAAGCTAATGGAGTATTTCCGGAA
 TGAAGACAGCAACATTGACTTTCATGGTGGCTTGCATGCAGTTCATCAACATCGTGGTACACTCGGTGGAG
 AACATGAACTTCCGTGTCTTCTTGAATATGAGTTCACCTCACTTGGGTCTGGACCTGACTTGGAGAGGC
 TCCGGCTCACCGAGAGTGACAAGCTGCAGGTGCAGATCCAGGCATACCTGGATAACGTTTTTGGAGTGGG
 AACACTGTTGGAGGAGACCGAGACTAAGATGCAGTGTGGAGCAGATGGAGGAGCTGCAGGAGCAGGTG
 GCAACGCTGACAGAGCGGCTTCGGGACACAGAAACGACTCCATGGCCAAGATCGCTGAACTGGAGAAGC
 AGCTAAGCCAGGCTCGAAGGAATTGGAGACCTGAGGGAGCGCTTCAGCGAGTCGACCCCATGGTCCAC
 TTCCAGACGAATCCCTGAACTGAGAAAAGTGCCTGCTCCTACCGTGGTGGCAGCCCTCAGCTCTTGAGCTG
 AAGTGGAAAGAGCTTGAAGAAAAGGGTTAATCCGTATCCTGCGGGGACCGGGGATGTCTGCTCCATCG
 AGATCCTCCCGCGCTGCGGCGACACCAAGCCGTGACGACGCACAGCTCCGAGGGTGTCCACTGATTC
 CCTAGCACAGCAGAGTCAGTTCCTCCGAAGCAGCATCACCACGCCTCCGCCACCTCCGCCACCTCCACCT
 CCACTACCTAACCTCCAGTCCCAGCAGGAAGCCCTTCCCTCTGCACCCCGCTGGCCCGCCCTCCAG
 GCTGCGCAGCGCCACCTGCACCACCGTTGCCTGGAGACCTGCCTCCCCACCTCCACCACCCCACT
 TGGAACTGATGGACCGGTGCCACCGCCACCACCTCCAGGAGGGCCCCCTGATATCCTTGGAGGA



CAAGACCCAGAGATAGGCCAGGGGTGAAAGCCAAGAAACCCATCCAGACCAAGTCCGGATGCCATTGC
TTAACTGGGTGGCGCTGAAACCCAGCCAGATCACAGGCACCGTCTTTACTGAGCTCAATGATGAGAAGGT
GCTGCAGGAGTTAGACATGAATGACTTTGAGGAGCAGTTAAGACCAAATCCCAAGGCCAGCCTGGAC
ATCAGCGCTCTGAAGGGGAGACAGCCACAAAGCCCAACTAAGGCAACCCTCATTGAAGCCAACAGGG
CCAAGAATTTGGCCATCACCCCTGCGCAAGGGCAACCTAGGAGCTGACAGAATCTGCGAGGCCATTGAGAC
GTATGACCTCCAGACTCTCAGCCTGGATTTCTTGAGCTGTTGACCCGCTTCTGCCACAGACTACGAG
CGTAGCCTCATAGCCCGATTTGAGAAGGAGCAGCGGCAATGGAAGAGCTGTCAGAGGAGGACCGCTTCA
TGCTGCGCTTCAGTCGCATCCAGAGGCTTCCAGAGCGAATGAATACACTCACCTTCTGGCAACTTCC
AGACACGGCCAGCTGCTCATGCCGCAACTGAACGCCATCATTGCAGCCTCTATATCCATCAAGTCTCT
GACAAGCTTCGCCAGATCCTAGAGATCGTCTGGCTTTTGGCAACTACATGAACAGTAGTAAGCGTGGGG
CAGCCTATGGTTCCGACTTCAGAGTCTGGATGCGTTGTTGGAGATGAAGTCGACTGACCGGAAACAGAC
GTTGCTGCATTACTTGGTGAAGTCTTGTGAGAAGTACCCACAGCTCACGGGCTTTCATAGCGACCTG
CACTTCTGGATAAAGCAGGCTCAGTGTCCCTGGACAGTGTGCTGGGAGACGTGCGCTCCTTGCAGCGAG
GTCTGGAGTTGACACAAAGAGAGTTTGTGCGGCAAGATGACTGCCTGGTGTCAAAGAATCCTGAGGGC
TAACTCTCCACCATGGACAAGCTACTGGCAGACAGCAAGACAGCCAGGAGGCCTACGAGTCCGTGGT
GAGTACTTTGGAGAAAATCCCAAGACCACATCCCCTCCATGTTTTTTTCCCTCTTCAGTCGCTTACCA
AGGCCTACAAGAAAGCAGAGCAGGAGGTGGAACAATGGAAGAAGGAAGCAGCCGCGGACACCTCAGGCG
GGAAGAGCCTCCAGCACCAAGTCTCCTCCAAGGCCAGGCGACAACAGATGGACCTCATCTGAGCTA
AAACGGAAGCAGCTGAAAGAACCACTCATCTATGAGAGTGACCGAGATGGGGCATTGAAGACATCATCA
CAGTGCTCAAGACAGTGCCTTCACTGCCGCTACTGGCAAGCGGACATCCCGGCTCCTCTGTGAGGCCAG
CCTGGGAGAGGAGATGACCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105846

Insert Size: 3105 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_001105846.1](#), [NP_001099316.1](#)

RefSeq Size: 3659 bp

RefSeq ORF: 3105 bp

Locus ID: 287746

Cytogenetics: 10q32.1