

Product datasheet for **MC218641**

Fmo9 (NM_172844) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fmo9 (NM_172844) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fmo9
Synonyms:	4831428F09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218641 representing NM_172844
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCAAGAAGCAGATAGCTGTGATTGGAGCTGGGATCAGTGGCCTAGGAGCCATCAAGTGCTGCTTGG
 ATGAAGACCTGGAGCCCACCTGCTTTGAAAGAAAATGATGACATCGGAGGCCTGTGGAAATTTCAAAGAA
 TGCTTCAGAGAAAATGCCTAGCATCTACAGATCTGTGACCATCAACACTTCAAAGGAGATGATGTGCTTC
 AGTGATTTCCCTATCCCTGACCACTTCCCAACTACATGCACAACAGCAAGCTCATGGACTACTTCAGGA
 TGTACGCCAAGCGCTTCAGTCTTCTGGATTACATCCGATTTAAGACCACAGTGGAGAGCGTGAGAAAACG
 TCCAGACTTCCACATCCATGGACAATGGGATGTTGTTGTGGAGACAGATGGGAAACAGGAGAGCCTAGTC
 TTTGATGGGGTCTGGTCTGCAGTGGCCATCACACAGACCCACCTGCCACTCAAGTCTTTCCAGGCA
 TTGAGAAGTTGAAGGCTGTTATTTCCACAGCCGAGAATACAAAAGTCTGAGGATTATGTGGGAAAGAG
 AATCATAGTGGTTGGCATTGGGAATTCGGTGTGGACATTGCCGTGGAGCTTGGTCGTAGCAAAACAG
 GTATTCCTCAGCACCAGACGAGGATCGTGGATTTACACCGTGTGGAAATAACGGCTATCCCATGGATA
 GTTCATTTTTCACTCGGTTCCATAGCTTTCTCCAGAAGATATTAACCACAGAAGCAGTAAATAAGTACCT
 AGAGAAGACTCTGAACCAAGTTCAACCATGCACATTATGGTCTGCAGCCACAGCACAGACCACTGAGC
 CAGCACCCACCATCAGTGATGACCTTCCAAACCACATCATCTCCGAAAAGTCCAGGTGAAGCCTAACG
 TGAAGGAGTTCACAGGAACGGATGTTTATTTGATGATGGCACCGTGGAGGAGAAATTGACGTTGTCAT
 CTTTGCTACAGGATACAGCATTTCTTTCCATTCCTTGGGGATCTGATTGCAGTTACTGACAATGAAGTG
 TCCCTGTATAAGCTGATGTTCCCTCCAGACCTGGAGAAGCCAACCTTGGCTGTCAATGGGCTCATCCAGC
 CATTGGGCATCATCCTACCTATTGCAGAACTCCAGTCTCGTGGGCTGTGCGGGTGTCAAAGGGCTGAG
 CAAATTACCCTCAGTGAAGGCCATGAAGGCAGACATGGACCAAAGGAAAAAGGCTATGGAGAAACGGTAT
 GTAAGACAGCCAGGCACACAATCCAAGTGGACCATATTGAGTACATGGATGAGATCGCCTCTCTGGCTG
 GGGTGAAGCCCAACCTCTGCTCCTGTTTCTCTCGGATCCAACACTAGCCATGGAAGTCTTCTTTGGGCC
 CTGTACCCCATACCAATACCGTTTGAAGGTCCAGGAAATGGGATGGGGCCCGGAGAGCCATCCTGACT
 CAGAGAGAACGGATCATCAAGCCCTTGAAGACCCGAATACAAGTGAAGAAGTCTGCTCTGCCCCAGGTC
 TCTTTTGGATAAAGATGGCACTATTTGGCTGGCATTCTGGTTCCAAGTTAACATACTTTAGTTATAT
 TTGTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172844

Insert Size: 1620 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_172844.2](#), [NP_766432.1](#)

RefSeq Size: 3065 bp

RefSeq ORF: 1620 bp

Locus ID: 240894

Cytogenetics: 1 H2.3