

Product datasheet for **RN215139**

Fmo9 (NM_001109466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fmo9 (NM_001109466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fmo9
Synonyms:	Fmo9p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215139 representing NM_001109466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAAGAAGCGGATAGCTGTCAATTGGAGCTGGGATCAGTGGCCTGGGAGCCATCAAGTGTGCTTGG
 ATGAAGACCTGGAGCCACCTGCTTTGAAAGAAGTGATGACATCGGAGGCCTGTGGAAATTTCAAAAAA
 CCCTTCAGAGAAAATGCCAGTATCTATAAATCTGTGACCATCAACACTTCAAAGGAGATGATGTGCTTC
 AGTGATTTTCCCATCCCTGACCACTTCCCAACTACATGCACAACCTGCAAGCTCATGGACTACTTCAGGA
 TGTACGCAGAGCACTTTGGCCTTCTGGATCACATTCGATTTAAGACCACAGTGAGGAGTGTGAGAAAGCG
 TCCAGACTTCAGTGTCCAAGGACAATGGGATGTCATCGTGGAGGCAGATGGGAAACAGGAGAGCCTAGTC
 TTTGATGGGATTCTGGTCTGCAGTGGCCATCACACAGACCCACCTGCCACTCAAGTCTTCCAGGTA
 TTGAGAAGTTCGAAGGCTGTTATTTCCACAGCCGGGAATACAAAAGTCTGAGGATTATGTGGGAAAGAG
 AATCATAGTGGTTGGCATTGGGAACTCCGGTGTGGATATCGCTGTGGAACCTGGTGTAGCAAAACAG
 GTATTTCTCAGCACCAGGCGAGGATCATGGATTTTGACCGTGTTTGAAACAATGGCTATCCCATGGATA
 GTTCATTTTCACTCGGTTCAATAGCTTTCTCCAGAAGCTACTAAGCACAGAAGCAGTAAATAAGTACCT
 AGAGAAGATGATGAACCTGAGATTCAACCATGCCATTATGGTCTGCAGCCACAGCACAGGCCGCTGAGT
 CAGCACCCACCGTCAGTGATGACCTTCCGAACCACATCATTTCCGGGAAAGTCCAAGTGAACCTAATG
 TGAAGGAGTTCAGGGGAACAGACGTTGTTTTGATGATGGCACAGTGGAGGAGAAGATTGACGTTGTCAT
 CTTTGGCCACAGGATACAGCTTTTCTTCCCATTCCTTGAGGATCTGATTGCAGTTACTGACAATGAGGTG
 TCCCTGTATAAGCTGATGTTCCCTCCAGACCTGGAGAAGCCAACACTGGCTGTCAATTGGACTCATCCAGC
 CCTTGGGTATCGTCTACCTATCTCAGAATTCAGTCTCGCTGGGCTGTGCGGGTGTCAAAGGGCTGAG
 CAAATTGCCCTCAGTGAAGATCATGAATGCAGACATGGCCCAAAGGAAAAAGGCCATGGCGAAACGGTAT
 GTGAAGACAGTCAGGCACACAATCCAAGTGGACCACATTGAGTACATGGATGAGATTGCCGCTCTGGCTG
 GGGTGAAGCCCAACCTCTTGCTCTTATTCTGTGCGATCCATTGCTGGCCATGGAAGTCTTCTTTGGGCC
 CTGTACCCCATACCAATACCGTTTGCAAGGTCCAGGGAAATGGGATGGGGCCAGGAGGGCCATCCTAACT
 CAGAGAGAGCGGATCATCAAGCCCTGAAGACTCGAATTACTAGTGAGAAGAGTCACTCTGCCCCAGGTC
 TCTTTTGGATAAAGATGACACTATTTGGCCTGGCATTCTGGTTATAAGCTTAATATACTTTAGTTATAT
 TTGTTATGAGAAACGTAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001109466

Insert Size: 1632 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_001109466.1, NP_001102936.1

RefSeq Size: 3003 bp

RefSeq ORF: 1632 bp

Locus ID: 685365

Cytogenetics: 13q23