

Product datasheet for **MC219011**

Fmo4 (NM_144878) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fmo4 (NM_144878) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fmo4
Synonyms:	D1Ertd532e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219011 representing NM_144878
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAAGAAGGTGGCAGTGATTGGAGCTGGCGTAAGTGGCCTGTCCTCTATCAAGTGCTGCTTGGACG
 AGAACCTGGAGCCACCTGCTTTGAGAGAAGTACGACTTTGGCGGACTGTGGAAGTTGCTGACACTTC
 CGAGGATGGGATGACCAGGGTTTACAGGTCAGTACGAAATGTCTGCAAAGAAATGTCATGTTACAGT
 GACTTCCCATTCCGAGAAGATTACCCCAACTTCATGAGCCATGAGAAATCTGGGACTATCTCAGAGAAT
 TTGCTGAGCACTTTGGCCTGCTGAGATATTCGGTTTAAAGACAAGTGTGCTCAGTGAACAAAGCGCCC
 AGACTTCTCTGAAACTGGCCAGTGGGATGTTGTACAGAGACAGAAGGCAACCGGACAGGGCAGTATTT
 GACGCTGTTATGGTTTGCAGTGGCAATTCCTGAGCCACATTTACCTCTGGAGTCTTTCTGGAATCC
 ATAAGTTTAAAGGACAGATCCTGCACAGCAAGAGTACAGGATCCAGATGCCTCCGGGCAAGCGCAT
 CCTGGTGGTTGGTCTTGGAAACTGGCGGGACATAGCAGTAGAGCTCAGTGAATAGCAGCTCAGGTG
 TTTCTCAGCACTAGAAGTGGCACCTGGGTCTAAGCCGCTCCTCACCTGGTGGCTACCCTTCAATATGA
 TACAAACAAGATGGCTCAATTTCTTGTACGAGTTCTGCCTTACGTTTTATAAACTGGACTCACGAGAG
 GAAAATGAATAAAATACTTAACCATGAGAATTATGGATTAAGCATTGCAAAAGGGAAAAACAAAATTT
 ATTGTAATGATGAACTACCAACCTGTACTTTGTGGGAAAGTACCATGAAAACCAGCGTGAAGGATT
 TTACAGAACTTTCTGTCATCTTTGAAGATGGTACAACAGAAGCCAACATTGATGTAGTGATCTTCACTAC
 AGGATATGAATTTCTTTCCCTTTTTGAAGAACCCTCTAAAAGCCTTTGTACAAGAAGATCATCCTA
 TACAAGCGAGTCTTTCCCCAAAATTTGGAGAGAGCAACATTAGCCATTATTGGCCTGATCAGCCTTAATG
 GGTCGATCTTAGTGGGCACAGAGTTCCAAGCACGATGGGCCACAAGAGTATTCAAAGGACTCTGTAGCAT
 ACCTCCATCTCAGAAACTGATGGCCGAAGCCACTAAAACGGAGCAGCTCATTAAAAGGGGTGTGATTA
 GATACCAGCCAAGACAACTGGACTTCATTACCTACATGGACGAGCTCACTCAGTGCATAGGCGCGAAGC
 CCAGCATTCCACTTTTGTTCATTAAGGATCCAAGATTGGCTTGGGAAAGTTTTCTTTGGACCATGTACCCC
 TTACCAATACCGCCTAGTGGCCCTGGAAGATGGGATGGAGCCAGAAATGCCATCCTGACACAGTGGGAC
 AGGACTCTGAAACCATTAATAACTCGAATTGTTCTTAAGTCCCCCGAGCCTACCTCCCTCTCACATTACT
 TAATAGCTTGGGGGCACCTGCTCTGTCTCTCTTTTACTTATCTACAAATCTTACATTTTCTTGA
 ATTGGTACAAGGTAAGCTACCGAGAAGATTTCCCCCTTACCGATTACTGTGGTACATGCCCCAGAAGTCA
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_144878

Insert Size: 1683 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_144878.1](#), [NP_659127.1](#)

RefSeq Size: 1787 bp

RefSeq ORF: 1683 bp

Locus ID: 226564

UniProt ID: [Q8VHG0](#)

Cytogenetics: 1 70.34 cM

Gene Summary: This protein is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides.[UniProtKB/Swiss-Prot Function]