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Product datasheet for MC203815

Fmo1 (NM_010231) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fmo1 (NM_010231) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fmo1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC011229
AAACAATTTTGATTGTTACTAGCTCTGGGATCCTAATTGTGTCAGGGCCACTGGAATGAGCAATTACAGC
TACTTAGAGTCAGTAACCCCATAAAAATCTCCGATTCCTCTGGGTGAAGAAGGTGGAGCTGAGTTTTTCC
TGTTTTTTCTTATTGTACATCAGAGAGGAGTCGTCTCAACAGAACACAGCTCCCTCCACGAGTGACCCTG
GGGGAATTTTTCGACCATCCCTTGCTCCAACGTAAGGAACAGAACTTGAGACCTTGTCACAGGAACATAA
AGTCAGATTGCTAAACTTCTGCATTTACTGAGAAACATGGTGAAGCGAGTGGCAATTGTGGGAGCTGGGG
TCAGCGGCCTGGCCTCCATCAAGTGCTGCCTGGAAGAGGGGCTGGAGCCCACCTGCTTCGAGAGGAGCAG
TGACCTGGGGGGACTTTGGAGATTCACGGAACATGTTGAAGAAGGGAGAGCCAGTCTTTACAAGTCTGTG
GTTTCTAACAGCAGCAGGGAGATGTCGTGTTACCCAGATTTTCCTTTTCCAGAAGACTATCCAAACTTTG
TGCCAAATTCTCTATTCCTGGAATATCTCAAACTCTACTCAACCCAGTTCAACCTTCAGAGATGCATTTA
TTTCAATACCAAAGTGTGCAGTATAACAAAACGCCCGGATTTTGCTGTCTCTGGACAGTGGGAAGTGGTC
ACTGTCACAAACGGGAAGCAAAACTCAGCCATCTTTGATGCTGTCATGGTCTGCACTGGTTTTCTAACTA
ACCCACATCTGCCCCTGGATTCCTTCCCAGGTATACTAACTTTTAAGGGGGAGTACTTCCACAGCCGACA
GTATAAACATCCAGACATATTTAAGGACAAGCGAGTCCTTGTAGTTGGAATGGGGAATTCTGGCACAGAT
ATTGCCGTGGAGGCCAGCCACTTAGCAAAAAAGGTGTTCCTCAGCACTACTGGAGGGGCATGGGTGATCA
GCCGAGTCTTTGATTCAGGGTACCCATGGGACATGATATTCATGACACGATTTCAGAACATGCTCAGAAA
TCTTCTCCCAACTCCAATTGTGAGTTGGTTGATATCAAAAAAGATGAACAGCTGGTTCAACCACGTGAAT
TACGGTGTAGCTCCAGAAGACAGGACTCAGCTGAGAGAGCCTGTGCTAAATGATGAGCTCCCAGGCCGCA
TCATCACTGGGAAAGTGTTTATCAAGCCCAGCATCAAGGAGGTAAAGGAAAACTCTGTCGTGTTCAACAA
CACACCAAAGGAGGAGCCCATTGACATCATCGTCTTTGCGACTGGATATACTTTTGCGTTCCCCTTCCTC
GATGAATCCGTAGTGAAAGTTGAGGATGGCCAGGCATCACTGTACAAGTACATCTTCCCTGCGCATCTGC
CAAAACCAACTCTGGCTGTGATTGGCCTCATCAAGCCCCTGGGCTCCATGGTACCCACAGGAGAGACACA
AGCTCGATGGGTTGTTCAGGTCCTAAAAGGTGCAACTACATTACCACCGCCAAGTGTCATGATGGAGGAA
GTTAATGAACGGAAGAAAAACAAGCATAGCGGGTTTGGCTTGTGCTACTGCAAGGCTTTGCAAACAGATT
ATATAACATACATAGATGACCTCCTGACCTCTATCAACGCAAAACCGGATCTGCGGGCCATGCTCCTGAC
TGACCCACGACTGGCTCTGAGCATCTTCTTTGGCCCATGTACCCCTTACCATTTCCGCCTGACTGGTCCA
GGAAAATGGGAAGGAGCCAGAAAGGCCATCTTGACCCAGTGGGACCGAACAGTGAAAGTCACCAAAACTC
GAACCATACAAGAATCCCCATCTTCCTTTGAAACTTTGCTGAAACTCTTTAGTTTTCTGGCTTTGCTCAT
AGCTGTCTTCTTGATTTTCCTGTAAGTGAAAGATCTAACTGGCTTTTCAAATGTATGGAGTATAACGTTC
CAACTCCTCTAATGTAACAACTTTGTCTTCATAATCATAAACCATATCCAAAGAATGAAACCCTACCCCC
TCCCCTTTCCGGTTCACCTCACTGGCAGCTTGGTATTGCTGGGTCTCTTGCAGCTCCATTAGGTTTAATG
CCAGAAGATAAGGTCCAGCACTTTTGTTCACTTAAAATGTTGGAAGGATCCAGGCCCTTTTCAGGAAGAA
GCTGCCCCCAGAGAATACTCTGAGCATTCTTTCGCCCTAAAAAAGCAAGTTTCCTAGATCTTAATGAAAA
GCCCAACCTTGTGGAATATTGGTCTACACTAAAATAGTTCTCTGTGTATTAGCTGACTACAAATAAAATG
GAAGAGACTACATGTAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010231

Insert Size: 1599 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:	BC011229, AAH11229
RefSeq Size:	2349 bp
RefSeq ORF:	1599 bp
Locus ID:	14261
UniProt ID:	P50285
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. Form I catalyzes the N-oxygenation of secondary and tertiary amines. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.