

Product datasheet for **MC217945**

Cyp4f15 (BC021377) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f15 (BC021377) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f15
Synonyms:	AI787289; Cyp4f-15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217945 representing BC021377
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGTTTTTTCAGGATGCCACAGTTGGACCTGTCTTGGCTGGGACTGAGGCTGGAGGCATCCTCACCAT
 GGCTGCTTTTGTGCTGATCGGAGCTTCCTGGCTCTTGGCCCGTGTCTGACTCAGACCTATATCTTCTA
 CAGAACATATCATCATCTTTGTGATTTCCCTCAACCCCCAAATGGAATTGGTTCTTGGGTACCTAGGC
 ATGATCACACCCACTGAGCATGGTCTGAAGGAGGTGACTAACCTGGTGGCCACCTACCCCCAGGGCTTCA
 TGACATGGCTGGGTCTATCATTCTATCATCACTCTGTGCCACCCTGACATCATTGCATCTGTTCTCAA
 TGCCTCAGCTTCGGTAGCCCTAAAGGAAGTAGTCTTCTACAGTTTCTGAAACCTTGGCTGGGGGATGGG
 CTCTTGCTGAGTGATGGTGACAAGTGGAGCAGCCACCGTCGCATGTTGACACCTGCTTTCCATTTCAACA
 TCCTAAAACCTATGTGAAGATTTTCAATGACAGCACCAACATAATGCATGCCAAGTGGCAGCACCTGGC
 CTCAGGTGGCAGCGCCCTCTGGATGTGTTTGAAGACATCAGCCTCATGACCTTGGACAGCTGCAGAAA
 TGTGTCTTCAGTTTTGATAGCAACTGCCAGGAGAATCCAGTGAGTATATTTCTGCCATCTTGGAGCTCA
 GTGCCCTAGTGACCAACGGTACCACCACTGCTTCTACACATAGACTCACTCTATCAGCTCACCTGTAG
 TGGGCGGCGCTTCCACAAGGCCTGCCACCTGGTGACAGCTTACAGATGCTGTCATCCAGGATCGACGA
 CGTACTCTCCCGAGTAAGCATGAGGATGATGTCCTCAAGGCCAAGGCTAAGTCCAAAACCTCTGGATTTCA
 TTGATGTGCTGCTGCTGAGCAAGGATGAAGATGGAAAGGAGCTGTCAGATGAGGACATTAGAGCAGAGGC
 TGACACCTTATGTTTGGGGCCATGACACCACAGCCAGCGGGCTCTCCTGGATCCTGTACAATCTGGCA
 AGGCACCCAGAATACCAGGAGCGCTGCCGGCAGGAGGTGCAGGAGCTGCTGAGGGATCGAGAGTCTACAG
 AAATTGAGTGGGACGACTTGGCCAGCTACCTTCCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCA
 TCCCCAGTCACGGTCATTTCCCGTCGTTGTACCCAAGACATTGTGCTCCAGATGGCCGGGTATACCT
 AAAGGTGTTATCTGCATCATCAATATTTTCGCGACCCATCACAACCCAACCTGTGTGGCCTGACCCTGAGG
 TTTATGACCCCTTCCGCTTTGACCCAGAGAATATCAAGGACAGGTACCTCTGGCTTTTATTCCTTCTC
 CGCTGGGCCCAGGAAGTGCATAGGACAGACGTTTGCTATGAACGAGATGAAGGTGGCGCTGGCGCTGACG
 CTGCTGCGCTTCCGTGTGCTGCCAGATGACAAGGAGCCGCGCGGAAGCCGAGTTGATCCTGCGCGCAG
 AGGGCGGGCTGTGGCTGCGGGTGGAGCCGCTGAGCACACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2261_e07.zip

Restriction Sites: SgfI-MluI

ACCN: BC021377

Insert Size: 1584 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC021377</u> , <u>AAH21377</u>
RefSeq Size:	2120 bp
RefSeq ORF:	1583 bp
Locus ID:	106648
Cytogenetics:	17 B1