

Product datasheet for **MC217544**

Cyp4f40 (NM_001101588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp4f40
Synonyms:	EG63I304
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217544 representing NM_001101588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCGATATCTGGACTTATCCTGGCTAGGACTGGGGCCCATGTGAGCCTCACCGTGGCTACTCTTTTCT
 TGGTTGGGATTTCTTGGTTCTTGGCCCGGTTCCACGCAGCTATACACTTTGTATGCAAAGTGCAACG
 TCTCTGTGGTTTCCCTCAGCCACCAAGAAGAATTGGTTTTGGGGTCACTGGGCATGTCCCTCTACAC
 GAAGAAGGCATGAAGCAGGTGACTGAGCTGGTGACCACTATCCCAGGGCTTCATGACCTGGTTAGGCC
 CTATAGTTCTCTCATCACTCTGTGCCACCCTGATATCATCCGATCTGCTCAGCGCCTCAGCTGCGGT
 TGCCCCAAAGGACGACATCTTCTACAGCTTCTTGAAACCCTGGCTCGGGGATGGGCTCTTGGTGAGTGCT
 GGTGACAAGTGGAACCGCCACCGACGATGCTGACACCTGCCTTCCATTCAACATCCTGAAACCCTATG
 TGAAGATTTTCAATGACAGCACCAACATCATGCATGCCAAGTGGCTGCGCCTGGCCTCAGGGGGTAGCAC
 CCGTCTGAACATGTTTGAGAACATCAGCCTCATGACCTTGGACACTTGCAGAAATGCGTCTTCAGCTTC
 AACAGCAACTGTGAGGAGAAGCCTAGCCAGTATATTGCTGCCATCTTGAGCTCAGTACCCTGGCTGTGA
 AGAGAAACGAGCAACTGCTTATGCATGTGGACCTGCTACCGCCTCACGCCCGATGGAATGCGCTTCTA
 TAAGGCCTGCCGCTGCTGTACACGACTTCACCGATGCCGTATCCAGGAGCGAGTCCGACTCTGCTGAAG
 CATGGTGGTGATGATATCATCAAGGCCAAAGCCAAGTCCAAGACTTTGGACTTCATTGATGTAAGTCTGC
 TAACCAAGGATGAAGATGGAAGGAGCTGTGAGATGAGGACATCCGAGCTGAAGCTGACACCTTCATGTT
 TAGGGGCCATGACACCACAGCCAGTGGGCTCTCCTGGATCCTGTACAACCTTGGCGAGGCACCTGAGCAC
 CAGGAGCGCTGCCGGCAGGAGTGCAGGAGCTGCTGAGGGATCGTGATCCCAAGGAGATCGAATGGGACG
 ACCTGGCCAGCTGCCCTTCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCATCCCCAGTCACAAT
 GGTCTCCCGATGCTGCACCCAGGACATTTCCCTCCCAGATGGAAGGATCATCCCTAAAGGTGTCATCTGC
 ATCATCAATATTTTGAACCCATCACAACCAACTGTGTGGCGGGACCCTGAGGTCTATGACCCCTTCC
 GTTTTGATCCAGAGAACATCCAGGCTAGATCACCTCTGTCAATTTATCCCTTCTCAGCGGGGCCAAGGAA
 CTGCATTGGACAGACTTTCGCTATGAGCGAGATGAAGTGGCGCTGGCGCTGACTCTGCTGCGCTTCCGC
 ATCCTGCCAGATGACAAGGAGCCACGCCGAAGCCAGAGCTGATCTGCGCGCAGAGGGCGGGCTGTGGC
 TCGGGGTGGAGCCGCTGAGCACCCAAGCACAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001101588

Insert Size: 1575 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001101588.1, NP_001095058.1</u>
RefSeq Size:	1578 bp
RefSeq ORF:	1575 bp
Locus ID:	631304
Cytogenetics:	17 B1