

Product datasheet for **MC208440**

En2 (NM_010134) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: En2 (NM_010134) Mouse Untagged Clone
Tag: Tag Free
Symbol: En2
Synonyms: BB131122; En-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208440 representing NM_010134
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGAAGGATTCCAAGCCAGCGAGACGGCGGGAGGCGCAGAGACAGCCGGAACCCAGCTCCG
 GCGGCGGCTCTGGCGGCGCAGCAGCCGAGCGACTCGGACACCGCCGCGGGGCTCTGATGCTGCC
 CGAGGTCTACAGGCGCCAGGCAACCACCAGCATCCACATCGCATCACCAACTTCTTCATCGATAACATC
 CTGCGGCCTGAGTTTGGCCGCCAAAGGACGCGGGGACTTGCTGTGCGGGCGGGCGGAGCCAGGGGAG
 GCGAAGGCGGCGCTGGCACTACCGAAGGAGGCGGCGGGCGCAGGCGGAGCCGAGCAGCTACTGGGCGC
 CAGGGAGTCCCGACCGAACCAGCGTGCACCCAGCGCGGAGGAACGCTCTCCGCCCGCTGGCGAC
 CCTGCGGTGCGACGGAGAAGGAGTTCCAAGACGCTATCACTTCACGGTGGTGCCAAAAACCCGGCGATC
 CTGGGGGTTTCTTGGATGGAGTGCTCAAAGCCGGGGCTTGGGCGGCGGTGACCTGTGCGGTGAGCTCCGA
 CTCGGACAGCTCTCAAGCCAGCGCCACTCTGGGCGCGCAGCCATGCTCTGGCCCGCTTGGGTCTACTGC
 ACGCGTATTCTGACCGGCTTCTTCAGGTCCCAGGTCCCAGAAACCAAGAAGAAGAACCTAACAAAG
 AGGACAAGCGGCTCGCACAGCCTTCACTGCTGAGCAGCTCCAGAGGCTCAAGGCTGAGTTTCAGACCAA
 CAGGTACCTGACAGAGCAGCGGCCAGAGTCTGGCACAGGAGCTCAGCCTGAACGAGTCTCAGATCAAG
 ATTTGGTTCCAGAACAAGCGGGCCAAAATCAAGAAAGCCACGGGCAACAAGAACAACCTTTGGCGGTGCACC
 TCATGGCACAGGGCCTGTACAACCATCCACCAGGCCAAGGAGGGCAAGTCGGACAGCGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010134



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Insert Size:	975 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:	<ol style="list-style-type: none">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:	<u>NM_010134.3</u> , <u>NP_034264.1</u>
RefSeq Size:	3537 bp
RefSeq ORF:	975 bp
Locus ID:	13799
UniProt ID:	<u>P09066</u>
Cytogenetics:	5 13.94 cM