

Product datasheet for **MC212794**

Nemp2 (NM_001142647) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nemp2 (NM_001142647) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nemp2
Synonyms:	5330401P04Rik; 9830163O08; Tmem194b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC212794 representing NM_001142647
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGCCTAGGTTGTGGTGGCTGGTCTGGCTGCAGCCCCTGGCTACACTGCCAGCGAGCGCGGTGC
 ACGACGAGGAGGAGCGATGTCAGTTCCAGATGTAAATCTCTGAAGGAAACGGACTTAATTAACCTTC
 TGTGTCAGACTGCTATTGCTACAATCAACATTCGAAATCCAGTGGACATATATGTGGTCAACTGTGCAG
 GTGACAGTAACCAGCCCGGCTGCTCAATATTGTATATACACAGGAAGTCATAACTGCCAGCACACAG
 AAAGCATTTTATCATTTATCAAATGTGTGACTCATAACTTTTGGGCACCAGAGGAGGCTGAGGAGATAAC
 CATAGTCTTCAGTCCATATGGAGAACTGTGTGCTTCTCTGTGAAGCCTGTTGGGAGGCTCCTCCCTAC
 ATAGTAAGCGTGAGTCGAAACATTGTGGATTTCAAACCTTCTTGTGTTGTGACAGGCATTTTCCTTT
 TCTTGTATGCAAAGACCTTGAGCCAAAGCCCTGTTTTCTATTACTCTCCGGTACCGTGTAGGTATTCT
 AATGACATTAGTCTTTGCTTCTGATGGCTAAGAAACACATTCAAAGTATAGCACATTTGGGGCGCTA
 ATGATTGGTTGTTGGTTTCTCAGTTTATGTTTTGTGCCAGTTGATGGAAGATCTGAAGTGGCTGTGGT
 ATGGAAACAGAATGTATATATTAGGCTATGTGGTGGTGTGGACTTTGTAGCTTTGCTGCCTGTTACAG
 TCACGGGCTCTTGTGATGAGGGGAGCAGAGACCTTCTCATGTGGACCCTGAGGCTCTTCTCCCTGGCT
 CTGGTCTACACTGGTGTGGCCGCTCCTCAGTTTGCCTATGCTGTTCTGATCGTCTCTTGTCTCTCTGGA
 GTCTGCACTATCTCTGAGAGCATTAGCTATCTCAGGTGGAAATGAGGCCGTGGTTACACAGCAGAACC
 TCAGGTGGCGAGGTATCTCACTGATGACGAGTACAGGGAGCAAGCTGAAGCTGCAACAGCCAGGGCTCTC
 GAGGAACTGCGCAAGCCTGCTGAGGCCTGACTTCCCTTCTGGCTGGCTGTCTCCAGACTCCAGGCTC
 CTAAGAAAGTTTGAGAGTTTGTCTTGGAGCCAGCCACCTGTACAGAGGAAGTCAGCACACATGAAAA
 GCAGTATGGCCTTGGGGTGCCTTCTGGAGGAACAGCTCTTAGCCTGCAGACTGACAGTCTACCTGCA
 AGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001142647

Insert Size: 1266 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_001142647.1, NP_001136119.1</u>
RefSeq Size:	3423 bp
RefSeq ORF:	1266 bp
Locus ID:	227094
UniProt ID:	<u>Q8CB65</u>
Cytogenetics:	1 C1.1