

Product datasheet for **RN204434**

Nemp2 (NM_001134642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nemp2 (NM_001134642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nemp2
Synonyms:	RGD1560421; Tmem194b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204434 representing NM_001134642
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCCCCGGGTCGTGGTGGCTGGTGTCTTTGGCTGCCGCCCTGGCCACGCTGCCAGCGGGTGGGTGC
 CCCAGGAGGAGGCGCAATGTCAGTTCCAAGATGTAAATCTCTGAAGGAAACGGACTTAATTAACCTTC
 TGTGTCAGACTGCTATTGCTACAATCAACATTCACAAATAGAGTGGACATATATGTGGTCAACTGTGCAG
 GTGACGGTTACCAGCCGGGCTGCTCAGTATTGTGTATATCACAGGAAGACATACTTGCCAGCACACAG
 AAACCTTCTATCTTTTCTCAAATGTGTGACTCACAACCTTTGGACAGCAGAGGAGGCTAAGGAGGTGAC
 CATAGTCTTCAGTCCATACGGAGAGACTGTGTGCTTCTCTGTAAAGCCTGTTGGGAGTTTACTTACCTAT
 GCAGTAAGCGTGAATCGAAATGTTGTGGATTCAGACTCTTCTGTGTTTGGCAGGCATTTTCCTTT
 TCTTTTATGCAAAGACCTTGAGCCAAAGCCCTGTTTTCTATTACTCTTCGGGTACCGTGTAGGTATTCT
 AATGACTCTGGTCTTTGCTTCTGATGACTAAGAAACACATCCCGAAGTATAGCACATTTGGGGCGCTA
 ATGATTGGTTGTTGGTTTCTCAGTTTATGTTTTGTGCCAGTTGATGGAAAATCTGAAGTGGCTGTGGT
 GTGGAAACAGAATATATGTATTAGGCTATGTCTTGGTTGTCGGACTTTGTAGCTTTTCCGCCTGTTACAG
 TCGCGGGCCTCCTGCTGATGAGGGGAGCAGAGACCTTCTGATGTGGGCACTGAGGTTCTCTCCCTCGTT
 CTTGTCTACACTGGTATGGCCATCTCTCAGTTTGCCTATGCTGTTATGATCCTGCTCCTGCTCTCTGGA
 CTCGGCACTATCTACTGAGAGCATTAGCTGTCTGAGGTGGAAGGTGAGGCAGTGGTTTGAACACGAGC
 ACTGGTGGTGAGGTATCTCACTGATGATGAGTACAGGGAGCAAGCGGAGGCCGAAACAGCCAGCGCTCTG
 GAGGAAGTGCCTCAAGCCTGCTGCCGGCCGACTTCCCTTCTGGCTAGCTGTCTCCAGACTCCAGGCTC
 CTAAGAAAGTTTGCAGAGTTTGTCTTGGAGCGAGCCACCTGTACCGGAAGAAGTCAGCACACACGAAAA
 GCAGTATGGCCTTGAGGTGCCTTCTGGAAGAGCAGCTCTTAGCCTGCAGACTGAGAGTCTACCTGCA
 AGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134642

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.

RefSeq: NM_001134642.1, NP_001128114.1

RefSeq Size:	3296 bp
RefSeq ORF:	1266 bp
Locus ID:	503257
UniProt ID:	<u>POC8N6</u>
Cytogenetics:	9q22