

Product datasheet for **RN215467**

Nefm (NM_017029) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nefm (NM_017029) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nefm
Synonyms:	Nef3; Nfm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215467 representing NM_017029
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTACACGCTGGACTCGTGGCAACCCGTCGCTACCGCGCGTCAACGAGACCCCGTCCAGCT
 TCAGTCGTGTGAGCGGTTCCCGCTCCAGCGGCTTCCGCTCGCAGTCTGGTCCCGCGGCTCGCCAGCAC
 CGTGTCTCTCTACAAGCGCAGCGCGCTCGCCCGCGCTCGCTACAGCTCGGCTATGCTCAGCTCG
 GCCGAGAGCAGCCTCGACTTCAGCCAGTCTCTCGTGTAAACGGCGGCTCCGGCGGCGACTACAAGC
 TGTCCCGCTCAAACGAGAAAGAGCAGCTGCAGGGGCTGAACGACCGTTTCGCCGGCTACATCGAGAAAGT
 GCACTACTTGAACAACAGAACAAGGAGATCGAGGCAGAGATCCACGCGTGCAGGAGAAGCAGGCTCG
 CACGCCAGCTGGGTGACGTTACGACCAGGAGATCCGAGAGTGCAGCGCCACCTGGAGATGGTGAATC
 ACGAGAAGGCTCAAGTGCAGCTGGACTCTGATCACTTGGAGGAAGACATCCACCGGCTCAAGGAGCGCTT
 CGAGGAGGAGGCGCGGCTGCGGGACGACACCGAGGCTGCCATCCGGGCGTGCAGAAAGACATAGAGGAG
 TCGTCGATGGTTAAGGTGGAGCTGGACAAGAAGGTGACGTGCTGCAAGATGAGGTGGCCTTCTGCCGA
 GCAATCACGAAGAGGAGGTGGCCGACCTGCTGGCCAGATCCAGGCGTCCGACATCACCGTAGAGCGCAA
 AGACTACCTGAAGACAGACATCTCCACGGCGTGAAAGAGATCCGCTCCAGCTCGAGTGTCACTCCGAC
 CAGAACATGCACCAGGCCGAAGAGTGGTTCAAATGCCGCTACGCCAAGCTCACCGAGGCGGCCGAGCAGA
 ACAAGGAGGCCATCCGCTCCGCTAAAGAAGAGATCGCCGAGTACCGGCGCCAGCTGCAGTCCAAGAGCAT
 TGAGCTCGAGTCGGTGCAGGCACTAAGGAGTCCCTGGAACGGCAGCTCAGCGACATCGAGGAGCGCCAC
 AACCACGACCTCAGCAGTACCAGGACACCATCCAGCAGCTGAAAATGAGCTTCGGGGAACAAAGTGGG
 AAATGGCTCGTCAATTTGCGAGAATACCAGATCTCCTAACGTCAAGATGGCTCTGGACATCGAGATCGC
 CGCATATAGGAACTACTGGAGGGTGAAGAGACCAGATTTAGCACATTTTCAGGAAGCATCACTGGGCTT
 CTGTACACACACCGACAGCCCTCAGTACAATATCCAGTAAAGTTCAGAAGACAAAGTCCAGGCCCCCA
 AGCTCAAGGTCCAACACAAATTTGTGGAGGAGATCATTGAGGAGACTAAAGTGAAGATGAGAAGTCAGA
 AATGGAAGACGCCCTCACAGTATTGCAGAGGAATTGGCAGCCTCTGCCAAGAGGAGAAAGAAGAGGCA
 GAAGAAAAGGAAGAGGAACCGAAGTTGAAAAGTCTCCCGTGAAGTCTCCTGAGGCTAAGGAAGAGGAGG
 AAGGGGAAAAGGAGGAAGAAGAGGAAGGCAAGAGGAAGAAGAGGAGGAAGATGAAGGTGTCAAGTCAGA
 CCAGGCAGAAGAGGAGGATCTGAGAAGGAAGGCTCGAGTAAAAGGATGAAGGTGAGCAAGAAGAAGAA
 GGGGAAACTGAGGCAGAAGGTGAAGGAGAGGAAGCAGAAGCTAAGGAGGAAAAGAAAACAGAGGAAAGG
 TCGAGGAAATGGCTATCAAGGAGGAAATCAAGGTGAGAAAGCCGAGAAAGCCAAGTCCCCTGTGCCAAA
 ATCACCCGTGGAAGAAGTAAAGCCAAAACAGAAGCCAAAGCCGAAAGGATGAGCAGAAGGAGGAAGAG
 AAAGTTGAGGAGAAGAAGGAGGTAGCCAAGGAATCACCCAAGGAAGAGAAGGTGGAGAAAAGGAGGAGA
 AGCCAAAAGATGTCCAGATAAAAAGAAGGCTGAGTCCCAGTAAAAGAAAAGGCCGTAGAGGAAATGAT
 CACCATTACTAAGTCGGTAAAGGTGAGCCTGGAGAAAGACACCAAGAGGAGAAGCCTCAGCAGCAGGAG
 AAGGTGAAGGAGAAGGCAGAGGAGGAGGGGGTGTGAGGAGGAAGTGGGTGACAAAAGCCCGCAAGAT
 CCAAGAAGGAAGACATAGCTATCAATGGGAGGTGGAAGGAAAAGAGGAGGAGGAGCAGGAACTCAGGA
 GAAGGGCAGTGGCAAGAGGAGGAGAAAAGGGTGGTCACTAATGGCTTAGATGTGAGCCCTGCGGAGGAA
 AAGAAAAGGGGAGGATAGAAGTGATGACAAAGTGGTGGTGACCAAGAAGGTAGAAAAAATCACAGCGAGG
 GAGGCGATGGTGCTACCAATACATACCAAACTGTTACTGTCACTCAAAGGTTGAAGAGCATGAGGA
 GACCTTTGAGGAGAAGCTGGTGTCAACTAAAAGGTAGAAAAGGTCACTTACATGCCATAGTCAAGGAA
 GTCACCCAGGGTGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017029
Insert Size: 2538 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:	NM_017029.2 , NP_058725.1
RefSeq Size:	3067 bp
RefSeq ORF:	2538 bp
Locus ID:	24588
UniProt ID:	P12839
Cytogenetics:	15p12
Gene Summary:	neuronal intermediate filament protein; important component of the cytoskeleton [RGD, Feb 2006]