

Product datasheet for **RN204985**

Nat8f1 (NM_021668) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nat8f1 (NM_021668) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nat8f1
Synonyms:	Cml2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204985 representing NM_021668 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAAGATTTGAGACCCAGAAGTCTCCCATGGCTCCTTATCACATCCGCCAGTACCAAGACAGCGACC
 ACAAAGTGTCTGGATGTGTTACCAAGGGCATGGAAGAACACATCCCCTCCACCTCCGCCACATGCT
 TATGCTGCCCCGAACCTCCTACTCTTACTTGGGGTGGCCCTTGGCCTGGTCTGGTGTCTGGCTCCTGG
 CTGCTGGCTGTTGTATGCATCTTCTTCTGCTCCTACTCCTGCGGTTCTTGCTGGACAGCCCTGGAAGG
 AGTATGTGGCTACATGTTTGCAGACAGACATGGCTGACATCACCAAGTCTTACCTGAATGCACATGGCTC
 CTTCTGGGTGGCTGAGTCTGGAACAGGTGGTGGGCATAGTGGCTGCTCTGCCAGTCAAGGATCCTCCA
 TCAGGGAGGAAGCAGCTGCAGCTCTTTCGCTGTCTGTGTCTCACAGCATCGAGGACAGGGGATAGCGA
 AAGCACTGGTCAGAACTGTCCTCCAGTTTGCACGGGACCAGGGCTACACTGATGTTGTCTTGAGACCAG
 TACCTTGCAACAAGGTGCTATGACCTCTACCTGGGCATGGGCTTCCAGAAGACAGGCCAACGCTTCCTG
 ACTATGTTCTGGAGGTTAGTGGGTATTCGACAATTCAATTAAAGTATCCCTTCCTTCTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_021668
Insert Size:	696 bp


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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:	<u>NM_021668.3</u> , <u>NP_067700.2</u>
RefSeq Size:	2180 bp
RefSeq ORF:	696 bp
Locus ID:	59300
UniProt ID:	<u>Q9QXT4</u>
Cytogenetics:	4q34
Gene Summary:	may act as an N-acetyltransferase; Xenopus laevis homolog camello inhibits gastrulation and may regulate cell surface adhesion [RGD, Feb 2006]