

Product datasheet for **RN214903**

Nat8b (NM_133558) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nat8b (NM_133558) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nat8b
Synonyms:	Cml1; Cml6; Nat8; RGD621605
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214903 representing NM_133558 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTTTCTTATCACATCTGCGAGTACCAAGACAGCGACTATAAAAGTGTGTGGATGTGTTTACCAAGG
GTGCAGAAAGTACATCCCCTCCACCTCCGCCACTTGCTGCTGCTGCCCGAACCTCCTACTCTTACT
TGGGGTGCCCTTGCCCTGGTCTGGTGTCTGGCTCCTGGCTGCTGGCTGTTGTATGCATCTTTTTCTG
CTCCCATTTTGTGGTTCCTTGCTGGACAGCCCTGGAAGAATTATGTGTCAAATGTTTACACACAGATA
TGGCTGACATACCAAGTCTTATCTGAGTGATCGTGGCTCAGGTTTCTGGGTGGCTGAGTCTGGGGAGCA
GGTAGTGGGCACAGTGGGTGCTCTGCCAGTCAAGGAGCCTCCATCAGGGAGGAAGCAGTTGCAGCTCTTC
CACCTGGCTGTGCTCTACAGCATCGAGGACAGGGGATAGCGAAAGCACTGGTCAGAACTGTGCTCCAGT
TTGCACGGGACCAGGGCTACACTGATGTTGTCTTGAGACTAGCACCATGCAGATAGGTGCTGTGACCCCT
CTACCTGGGCATGGGTTTCCAGAAGACAGGCCAATACTTCCCGAGTATGCTCTGGAGGTTAGTGGGTATT
CGTTTTGTTCAACTAAATTACTCCTTCCCTTCTGCC**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133558
Insert Size:	669 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_133558.1</u> , <u>NP_598242.1</u>
RefSeq Size:	916 bp
RefSeq ORF:	669 bp
Locus ID:	171084
UniProt ID:	<u>Q9JIY6</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]