

Product datasheet for **MC209012**

Nat3 (NM_008674) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nat3 (NM_008674) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nat3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209012 representing NM_008674 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACATTGAAGCATACTTTGAAAGAATTGGTTACCAGAAGTCCAGCAACAACTGGACTTGCAGACAT
TAACTGAAATCCTTCAGCATCAGATACGGGCTATTCTTTTGGAACTTGAACATCCATTGTGGGAAAAC
CATGGAAGTCTGAGCTTAGAGGACACCTTTTCATCAAATTGTGAGGAAGAAGCGGGGAGGGTGGTGTCTCAA
GTCAACCATCTTCTCTACTGGGCTCTGGCCATGATAGGGTTTGGAGCACAAATGTTAGGAGGATGTGTTT
ATGTCCCTTCAGCCTGCAAGTATAGTAACACTATGATACACCTTCTACTACAGGTGACCATCAGTGGCAA
AACATATATTGTAGATAGTGCATTCCCATTTTCTGCCAGCTATGGGAGCCTCTGGAGTTGACATCTGGG
AAGGATCAGCCTCAGGTTCTGCCATCTCCACCTGAGAGAAGAGAATGGAACCTGGTACCTGGAACAAA
CTAAAAGACAAGAATATGTTTCAAACCAAGAATTCATTGATTCTAATTTTCTTGAGAAGAACACACATCG
AAAAATATATTCTTTTACTCTTGAACCACGAACGATTGAAGATTCTGGAGTATAAGTACATACTACCAG
GTATCTCGAACATCTGTGATGACAAACACATCACTTTGTTCCCTACATACCAAAGACGGAGTCCATGGCT
TAATGGGCACCATCTTGCCTATAAGAAGTTCAATTATAAGGACAATATAGATCTGGTAGAGTTTAAAGAC
TCTGAAGGAAGAAGAAATAGAAGAAGTCTGAAGAGTGTTTTTGGAATCACTTGGAGACAAAGCTTGTG
CCCAAATGTGGCAATGTCTTTTTTACTATT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008674
Insert Size:	873 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:	<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:	<u>NM_008674.2</u> , <u>NP_032700.1</u>
RefSeq Size:	1395 bp
RefSeq ORF:	873 bp
Locus ID:	17962
UniProt ID:	<u>P50296</u>
Cytogenetics:	8 33.39 cM
Gene Summary:	Participates in the detoxification of a plethora of hydrazine and arylamine drugs. [UniProtKB/Swiss-Prot Function]