

Product datasheet for **RN203310**

Nudt9 (NM_001006991) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nudt9 (NM_001006991) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nudt9
Synonyms:	MGC94618
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203310 representing NM_001006991 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGGCCGCTCCCTGGGGAAGGCGGTAGCCACCGTGTGCTCTCGGTGGCCCTCGCGTCCGTA
TCCGGTCTCAGGCTGCCGCGCCATCCCCGACCCAGAAACCCATTTCCATCCTGTGGGTTTCACCTTAA
AGCCAACATCATGTCTGGTTCTAATGGTGTCAAAGACAATCCCACAACAAGGCCCGGACATCTCCTTAC
CCAGGTTCAAAAGTCGAGCGAAGCAAGGTTCCCAATGAGAAGGTGGGCTGGCTTGTGAGTGGCAGGACT
ACAACCCAGTGGAGTACACCGCGTCTCTGTGTTGGCTGGACCCAGTGGCAGACCCCTCAGATCAGCGA
GAGTAGCTTCTCTCCAGATTTAATGAGAAGGACGGGCATGTGGAGAGGAAGAGCCAGAACGGCCTGTAC
GAGATTGAGAACGGGAGGCCAGAAATCCTGCAGGGAGGACAGGACTAGTTGGCCGGGCTTCTTGGGGA
GATGGGGCCAAATCATGCAGCAGATCCTATTATAACCCAGGTGGAAGAGGGACGAGAGCGGGAAACAAGT
CACACACCCTGTCTCTGGGAAATGCATCTTGCAGTTTCGTCGCCATCAAAAGGAAAGACTGCGGAGAGTGG
GCGATCCCAGGGGGATGGTGGACCCCGGAGAGAAGATCAGTGCCACACTGAAAAGGGAGTTTGGTGAAG
AAGCCCTGAACCTGTTACAGAAGTCCAGTGCAGGAGAAGAGGGAGATCGAGGAGAAGCTGCACGACTCTT
CAGCCAGGAGCATCTTGTGATATATAAGGGCTATGTCGACGACCCCTCGGAACACTGACAACGCATGGATG
GAGACTGAGGCAGTGAACCTACCATGATGAGACAGGGGAGACGATGGACAACCTCACGCTGGAGGCTGGAG
ATGATGCGGGGAAGGTGAAGTGGGTGGACATCAGCGACCAAGCTCAAGCTGTATGCCAGTCACTCACAGTT
CATCAAACCTCGTGGCAGAGAAGCGAGATGCCCACTGGAGCGAGGACTGTGCTGCTGACAGCCACGGGCTA
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_001006991
Insert Size:	1053 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:	<u>NM_001006991.1</u> , <u>NP_001006992.1</u>
RefSeq Size:	1429 bp
RefSeq ORF:	1053 bp
Locus ID:	305149
UniProt ID:	<u>Q5XIG0</u>
Cytogenetics:	14p22
Gene Summary:	Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate.[UniProtKB/Swiss-Prot Function]