

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
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203310 representing NM_001006991
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGGCCGCTCCCTGGGAAGGCGGTAGCCACCGTGTGCTCTCGGTGGCCCTCGCTCCGTAACCTG
 TCCGGTCTCAGGCTGCCGCGCCATCCCGCACCCAGAAACCCATTTCCATCCTGTGGTTCACCTTAA
 AGCCAACATCATGTCTGGTTCTAATGGTGTCAAAGACAATCCCACAACAAGGCCCGGACATCTCCTTAC
 CCAGGTTCAAAGTTCGAGCGAAGCAAGGTTCCCAATGAGAAGGTGGGCTGGCTTGTGAGTGGCAGGACT
 ACAACCCAGTGGAGTACACCGCGGTCTCTGTGTTGGCTGGACCCAGTGGGCAGACCCCTCAGATCAGCGA
 GAGTAGCTTCTCTCCAGATTTAATGAGAAGGACGGGCATGTGGAGAGGAAGAGCCAGAACGGCCTGTAC
 GAGATTGAGAACGGGAGGCCAGAAATCCTGCAGGGAGGACAGGACTAGTTGGCCGGGTCTTCTGGGGA
 GATGGGGCCAAATCATGCAGCAGATCCTATTATAACCAGGTGGAAGAGGGACGAGAGCGGGAACAAGAT
 CACACACCCTGTCTCTGGGAAATGCATCTTGCAGTTCGTCGCCATCAAAGGAAAGACTGCGGAGAGTGG
 GCGATCCCAGGGGGATGGTGGACCCCGGAGAGAAGATCAGTGCCACACTGAAAAGGGAGTTTGGTGAGG
 AAGCCCTGAACCTGTTACAGAAGTCCAGTGCAGGAGAAGAGGAGATCGAGGAGAAGCTGCACGCACTCTT
 CAGCCAGGAGCATCTTGTGATATATAAGGGCTATGTCGACGACCCCTCGGAACACTGACAACGCATGGATG
 GAGACTGAGGCAGTGAACCTACCATGATGAGACAGGGGAGACGATGGACAACCTCACGCTGGAGGCTGGAG
 ATGATGCGGGGAAGGTGAAGTGGGTGGACATCAGCGACCAGCTCAAGCTGTATGCCAGTCACTCACAGTT
 CATCAAACCTCGTGGCAGAGAAGCGAGATGCCCACTGGAGCGAGGACTGTGCTGCTGACAGCCACGGGCTA
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001006991



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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, 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]