

Product datasheet for **MC212236**

Nudt19 (NM_033080) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nudt19 (NM_033080) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nudt19
Synonyms: D7Rp2; D7Rp2-r; D7Rp2-s; D7Rp2e; RP2-r; RP2-s
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212236 representing NM_033080
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCAGCTCGAGCAGCTGGCGCGGGCAGCCACCGTGATGTTGGCAGCAGGCTGGACCCACTCGAGCC
CGGCCGGCTCCGGCTGCTGCTTCTCCAGCGAGCACAAAACCAGCGCTTCTTGCCCGCGCGCACGTCTT
CCCGGGCGCGTCTGGACGCGCGGACAGCTCACCCGACTGGGTGCGTCTGTTCCGCGCTCGGCACACG
CCGCCGCGCTTCGGCCTAGGCCCGGAGCCCTCGGCAACCCCTTCCCGGGCTGTCCACGGCGACG
CGGACCCCGCGCGCTGCCGATGACGTAGCGCTGCGCATCTGTGCCATCCGCGAAGCCTTCGAGGAGGC
GGGGTGTCTCCTGCGGCCGCGGGACGCGGCTCCAGCTTCTCAGGAGCCAGTCAGGCGCTGTGCGCT
CCGGCCGGCTGGCCGAATGGCGCTCGCGCGTGCGCAGTGACCCGCGCTGCTTCTCCAGCTGTGTGCGC
ACCTAGACTGCACGCTGACATCTGGGCGCTGCACGACTGGGGCGGATGGCTCACCCCGTATGGGCGAAC
CATCCGCCGTTTCGACACCACCTTCTTCTGTGCTGCCTGCGCGACATCCGCGCGTGGAGCCCGACGTG
GGCTGGCACACCACAGTTCTATGAAATGAGAAGACTTGAAAATTTGCCTCTCTCTGCTCTGTATAG
ATTTTGTTCGGATCGCCATCAGAAGTACCTGAGAAATGGTCCCAATAACTTTTAACCTCTGATGGC
ACCATCCATCTTCTCCAGGAGATGAGCTGTATGTGAAAGACTCAGACTTCTTGAAAAGAATATGTCTA
CTGACAAAAGACTGAAGAAATCGTGAAGGAAGGCAAAGTCCTTAACCGAGTTGTGATCCACAGTCCCTA
TGTGTACGAAATCTACATGACTTCCGTCAGAGAATAAGCACGTGTACCCTAGGAACTACATAGTGAAT
AAGAGATGTACTGCCACCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_033080



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Insert Size:	1074 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_033080.2, NP_149071.2</u>
RefSeq Size:	1927 bp
RefSeq ORF:	1074 bp
Locus ID:	110959
UniProt ID:	<u>P11930</u>
Cytogenetics:	7 21.37 cM
Gene Summary:	Acyl-CoA diphosphatase that mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters. At low substrate concentrations medium and long-chain fatty-acyl-CoA esters are the primary substrates.[UniProtKB/Swiss-Prot Function]