

Product datasheet for RN213724

Nudt19 (NM_001004258) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nudt19 (NM_001004258) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nudt19
Synonyms:	MGC94056
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213724 representing NM_001004258 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGGCCGAGCAGCTGGAGCGGGCAGCCACTGTGATGCTGGCCGGGGCTGGAGTCACGCGAGCC
CCGCCGGCTTCCGGCTGCTGCTTCTCCAGCGAGCGAAAACCAGCGCTTTATGCCCGCGCGCACGTCTT
CCCCGGTGGCGTGTGGACGCGGCCGACAGCTCGCCTGACTGGGTAACTGTTCCGACCTCGGCACAG
CCACCGCTTTCGGCCTAGGCCCTGAGCCGCTCGGCAACCCTCCTTTCCCGGGCTGTTTACGGCGAGC
CGGACGGCGGGCGCTGCCAGATGACGTAGCGCTACGCATCTGTGCTATCCGCGAGACCTTCGAGGAGGC
AGGGGTGCTGCTGTTGAGGCCGCGGACTCTGCAAGGGCTTCTCAAGAGCCCAGCATCGCTCTGTCTCT
CCGGCCGGCTGGCGGACTGGCGCTCGCGCTGCGCAGTGACCCACGCTGCTTCTCCAGCTGTGTGCGC
ATCTGGACTGCACACCGGACATCTGGCGCTGCATGACTGGGGCGGCTGGCTCACGCCGATGGCGAAG
CAGCCCGCGCTTCGACACCACCTTCTCTGTGCTGCCTGCGCGAGACCCGCGCGTGGAGCCCGACTTG
GCTGAGGTGGTGGGCTACAAGTGTTGTCCCATCAGAGGCAACTGAATGTTTCTGTCAAAGAAATCT
GGCTGGCACCACCACAGTTCTACGAAGTGAGAAGACTTGAACCTTTGCCTCTCTCTGCGCTGTACAG
ATTTTGTGGATCACCCATTAGAAGTACCCGAGAAATGGCTGCCAATAGTACTTTAACTTCTGATGCC
TCCATCCATCTTCTCCAGGAGATGAGCTGTATGTGAAAGGCTCAGACTTCTTAGAAAAGAAATATGTCTA
TTGACAAAAGACTGAAGAAATCGTGACGGAAGGCAAGTAGTTAACCGATTGTGATCCACAGTCCCA
TCTCTACGAAATCTACATGACTCTAACGTCAAAGAGCGAGCACGGGTACCCAAAGAGCTACACAGCGAAG
AAGAGCTGCACTGCCCGCTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001004258
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_001004258.1</u> , <u>NP_001004258.1</u>
RefSeq Size:	1341 bp
RefSeq ORF:	1074 bp
Locus ID:	308518
UniProt ID:	<u>Q6AYD9</u>
Cytogenetics:	1q21
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 (By similarity). [UniProtKB/Swiss-Prot Function]