

## Product datasheet for SC317079

### NUDT19 (NM\_001105570) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT19 (NM_001105570) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT19
Synonyms:	RP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317079 representing NM_001105570. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTGTGTAACCGTCAGAAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCAGCTCCCTGCGGCCGGGCCCCAGCCGCTGGCGGGCGGCCGAGCATCGTCCTGGCGGCTGGC
TGGTCGCGCCCGGAGACCGCCACCCCGCGTCGCGCCCGCCGCGCCGAGGGCTTCGGCTGCTGCTG
CTGCAGCGCTCCCGCACCAAGGCTTCATGCCGGGCGCGCACGTCTTCTCCGGCGGAGTGCTGGATGCG
GCCGACCGCTCGGCGGACTGGCTGGGCCTTTCGCGCCGACACGGGCCGCGCGCTTCGGCCTGGGC
CCGGCGCCATTACGCCGACCGCTTCCCGTCGCTGCCGACACCGATGACCACAAGACCGACAACACT
GGGACGCTGCCTGAGGACGTAGCCTTCCGCATCTGCGCCGTGCGGAGGCCTTTGAGGAGCGGGCGTG
CTGCTGCTGCGGCCAGGACTTCCCCACAGGCCAGCACCCGGGCTGGCCTCGCCCTGGAGCCACCG
CCGGGCTGCGCTCCTGGCGCGACCGCGTGCGCCAGGACCCGCGCCACTTCTGCGGCTGTGCGCCAC
CTCGACTGCACACCCGACATCTGGGCGCTGCACAACTGGAGCGCCTGGCTCACCCCTTTCTTGCGGGG
ACCACTCGCCGCTTTGACACGGCCTTCTTCTGTGCTGCCTGCGCGAGCCGCCCGCCGCTACCCCGAC
TTGGCGGAGGTGGTGGGTACCACTGGTGCATCTCCATCAGAGGCAACTGAAAGTTTCTTATCAAAAGAA
ATTTGGTTGCCACCCACAGTTCTACGAAGTGAGAAGACTTGCAAACTTTGCCTCTCTCTGACTTG
CACAAATTTGTTGGTTCGTCATTAGAAGACTGGAAGGTGGCTGCCGATCATCTTGTTAACTGCT
GATGGGATGGTCCATCTTTACCAGGTGATGAGCTATTTAGAAGATTGAGCTTTTGGAAAATCTT
ATGCTACTGAAAAAAGACTGAGGAAATCATGAAGGAAGCAAGCAGTTTCACCGGATAGTGACATAC
CATCGCCACCTTTATGATATCCACGTGACTGTTACGCCAAAGTATAAACACGTTTATCTAAGAACTCT
GTAGTAAGAAAAAGCCATTTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

```

Restriction Sites: SgfI-MluI


[View online »](#)

<b>ACCN:</b>	NM_001105570
<b>Insert Size:</b>	1128 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105570.1</a></u>
<b>RefSeq Size:</b>	2984 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	390916
<b>UniProt ID:</b>	<u><a href="#">A8MXV4</a></u>
<b>Cytogenetics:</b>	19q13.11
<b>MW:</b>	42.2 kDa
<b>Gene Summary:</b>	Coenzyme A 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]