

## Product datasheet for **RN201521**

### **Nudt12 (NM\_001109010) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nudt12 (NM\_001109010) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nudt12  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201521 representing NM\_001109010  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTTCTGTCAAAGAATCCCAAAGGAAATAATTTCTGAACTCCACAGTTCAGCCGAGAAGGAG  
ACGTCGCGAAGTTAGCAGGAATTCAGTCATTCTCCATCTCTCAACGAGACTTCTGAAAACGGATG  
GACTGCTTTAATGTATGCCGCCAGGAACGGGCATCCGGATGCTGCCAGTTTCTGCTTGAGAAAGGATG  
GACAGATCGTCTGTCAATAAATCGAGGCAAACCGCCCTGGATATTGCGGTATTTGGGGTTATAAGCATA  
TAGCTAECTTATTGGCTAACGCCAAAGGAGGGAAGAAGCCCTGGTTCTAACCAGTGACGTAGACGGATG  
TGAAAATTATTTAGCAGAACTGCTGGACCGGAGGAGTGACAAAAGGACTAATTCTGACTGGCTGCAA  
GCTAAAGAGAGCCACCCACCACAGTTTATATCCTTTTCTGACTTGAACCCCTGGTTACTCTAGGTG  
GTAATAAAGAAAGCTCGCAGCAGCCGGAAGTCAGGCTCTGCCAGCTGAACTACGCGGACATAAAGGATTA  
CTTGGCTCAGCCTGAGAAGATCACCTTGGTGTTCCTTGGAGTCGAGCTTGAATGAGAAAAGGCTCGCAC  
GCCATGCCGGCGGAGTCCAGAGGGAGAGGAGGATGGTTGGTTGCATGGTTTGTCTCCGCATAGAAC  
CTGGTGCAGCTGAGGAGTTAAGCAAAGACACGAAAAGTACTTTCTCCACCCGCAATGCCCGCTCT  
TCTGCAGTTGAAAGAAAAGAGGCTGGGGTCTGGCTCAAGCAAGATCGGTGCTTGGTGGCACAGTCGA  
TACAAGTTCTGCCAACCTGTGGCAGCACAATAAAATTGAAGAAGGTGGCTACAAAAGAGTGTGTGTT  
GAGAAAAGTGCCTAGTCTCCATGGCGTCCACAACACATCTTACCCGAGAGTTGATCCAGTCGTAATTAT  
GCAGGTCAATCATCCGGATGGAACCAAGTGTCTTTAGGCCGGCAAAAAGAGATTTCCCCCGGCATGTT  
ACTTGTCTCGTGGATTTATCGAGCCTGGGAGACAATAAGACGCTGTGCGGAGAGAGGTAGGAGAGG  
AAAGTGGAGTCAAAGTTGGCCATGTTCAAGTATGTCTCTTGTGACCCGTGGCAATGCCCTCTCTTAAT  
GATTGGCTGTTTAGCTGTGGCAGTGTCTACAGAAATTAAGTTGACAAGAATGAAATAGAGGATGCCCGA  
TGTTCTACTAGAGAACAGGTGGTGGATGTTCTTACCAAAGGGAAGCAGCAAGCATTCTTCTGTCACCAA  
GCCGAGCTATTGCACATCAGTTAATCAAGCACTGGGTTGGCATGAACCCAGTCTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001109010
<b>Insert Size:</b>	1389 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>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_001109010.1</a>, <a href="#">NP_001102480.1</a></u>
<b>RefSeq Size:</b>	3880 bp
<b>RefSeq ORF:</b>	1389 bp
<b>Locus ID:</b>	367323
<b>Cytogenetics:</b>	9q36