

Product datasheet for **MC218395**

Nudt12 (BC057657) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nudt12 (BC057657) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nudt12
Synonyms: 0610016O18Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC057657
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTCTGTTAAAAGAAATCCAAAAAGGAGATGATTTCTGAAGTCCACAGTTCAGCCGAGAGGGAA
ATGTCGCAAAGTTAGCAGGAATACTCAGCCATTCTCCATCTCTTCTCAATGAGACTTCTGAAAATGGATG
GACTGCTTTAATGTACGCCGCCAGGAACGGGCATCCCGATGTGGTCCAGTTTCTGCTTGAGAAAGGATGT
GACAGATCACTTGTCAATAAAGGGAGGCAAACCGCCTGGATATTGCTGCATTTTGGGGTTATAGGCATA
TAGCTAAGTTGTTAGCAAATGCAAAAGGTGGGAAGAAGCCCTGGTTCCTAACCAATGAAGTAGACGAGTG
TGAGAATTATTTAGCAGAACTACTGGACCGGAGGAGTGACAAAAGAAATAATTCTGACTGGCTGCAA
GCTAAAGAGAGCCACCCACCACAGTTTATCTCTTTTCTCAGACTTGAACCCCTGGTTACCCTAGGTG
GTAATAAAGAAAGCTCGCAGCAGCCGGAAGTCCGGCTTGGCAGCTGAACACCCGGATGTAAGGGTTA
CTTGGCTCAGCCTGAGAAGATCACCTTGGTGTTCCTTGGAGTTCGAGCTTGAGATGAGGAAAGGCTCACCC
GCCAGGCGGGAGGAGTCCAGAGGAAGAGGAGGACGGTTTGGTTGCTTGGTTTGCCTCGGTATTGAAC
CCGGTGTCTGAGGAGTTAAGCAAAGACATGAAAATTGTTATTTTCCACCCGCAATGCCAGCTCT
TCTGCAGTTGAAAGAAAAGGAGGCTGGGTGGTAGCTCAAGCAAGATCAGTCTTGCCTGGCATAGTCGA
TACAAGTTCTGCCAACCTGTGGCAGTGTGACTAAAATTGAGGAAGGAGGCTACAAAAGAGTGTGTGAC
GAGAGACTTGCCTAGTCTCCAAGGCGTCCACAACACATCTTACCCGAGAGTTGATCCAGTCTGTAATTAT
GCAGGTATCCATCCAGATGGAACCAAATGTCTTCTAGGCAGGCAAAAAGCGATTTCCCCGGGCATGTT
ACATGTCTTGTGGATTTATAGAGCCCGGTAAGCCATACTGACTGGTTTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC057657



Insert Size:	1104 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>BC057657</u> , <u>AAH57657</u>
RefSeq Size:	1299 bp
RefSeq ORF:	1103 bp
Locus ID:	67993
Cytogenetics:	17 D
Gene Summary:	Hydrolyzes NAD(P)H to NMNH and AMP (2',5'-ADP), and diadenosine diphosphate to AMP. Has also activity towards NAD(P)(+), ADP-ribose and diadenosine triphosphate. May act to regulate the concentration of peroxisomal nicotinamide nucleotide cofactors required for oxidative metabolism in this organelle (By similarity).[UniProtKB/Swiss-Prot Function]