

## Product datasheet for **MC202212**

### Nudt2 (NM\_025539) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nudt2 (NM_025539) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nudt2
Synonyms:	2310051L06Rik; AA939917; APAH1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC025153 sequence for NM_025539 GGGCTACGGATAGATCATGGCCCTGAGGGCATGTGGCTTGATCATCTTCCGAAGACACCTTATTCCCAAG ATGGACAACAGTACAATTGAATTTCTGCTGCTGCAGGCATCAGACGGCATTCACTACTGGACTCCTCCCA AAGGCCATGTGGACCCAGGAGAGAATGACTTAGAAACAGCCCTGCGAGAGACTCGGGAGGAAACAGGCAT AGAAGCAAGCCTGACCATCATTGAGGGTTTCAAGAGGGAGCTCAATTACGTGGCCAGGCAGAAAGCCT AAAACGGTCATTTACTGGCTGGCAGAAGTGAAAGACTACAATGTAGAGATCCGCCTCTCCAGGAGCATC AAGCCTACCGCTGGCTGGGGCTGGAGGAGGCTGCCAGTTGGCTCAGTTCAAGGAGATGAAGGCAACACT CCAAGAAGGACACCAGTTTCTCTGCTCCACACCGGCTGAGCTGACCAGAACAAATGCTTCCATTGCATC CTTAAGGGTTTTCAAGATAAACCCACCCTTCCATCCAGGAAGGATGCACGGGTGATGGCTTGTTAACA ACCAAGAGCAGATAGGTTAGTGAATTAATAAATAACTCGGCACTCTCAGGTGACAGCAAGGAAGCCCTGG ATTCAATCCCTAGCATAGAAAATAATGACTTTAAAAAGTAAAGCAAGGATTTTACTTTAAAAATAATTACT TTCAAAGCAAGAAATTTAGCTAAGTTAAAAAACAAAGGAGGGGTACGGTTTTTAAATGACAGCCCCGAA GTATGTCTTTTGTCAATTTATAAATAAACTGGAAGCAACGTACATGCCCTTCAAAAAAAAAAAAAAAAAAAAA A
Restriction Sites:	RsrII-NotI
ACCN:	NM_025539
Insert Size:	444 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).



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**Reconstitution Method:**

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:** [BC025153](#), [AAH25153](#)

**RefSeq Size:** 841 bp

**RefSeq ORF:** 444 bp

**Locus ID:** 66401

**UniProt ID:** [P56380](#)

**Cytogenetics:** 4 A5

**Gene Summary:** Asymmetrically hydrolyzes Ap4A to yield AMP and ATP. Plays a major role in maintaining homeostasis (By similarity).[UniProtKB/Swiss-Prot Function]