

Product datasheet for **MC206258**

Nudt7 (BC069843) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nudt7 (BC069843) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nudt7
Synonyms: 1300007B24Rik; 2210404C19Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC069843
 GCTTCCCGAAGTCTCCTGCTGCTAGTAAGAGGAAGTACTGCAGGGCTGATGTCGCGACCTTGTGGACTCC
 CGGAGCCTGTGAGAAACAATCTGATAGATGATGCCAAGGCTCGCCTGAGAAAGTCTGATGTCGGGACCAG
 ATATTCTCACCTGCTCTAATAAATTCTGTCTTGTACCACTGCTGGCCAGAGGAGGAAAGTTGTAT
 TTGATGTTACGGTCCGCTCAGACAAGCTGAAAAGGGAACCTGGAGAAGTCTGCTTCCCTGGAGGAAAGA
 GGGACCCGGTGGACACAGATGACACAGCCACTGCTCTCCGTGAAGCCCAGGAGGAGGTGGGGCTGCATCC
 CCACCAAGTGGAGGTGGTCTCTCACCTGGTGCCATACGTATTTGATAATGATGCACTGGTAACCCCGTA
 GTGGGTTTTCTAGACCACAACCTCCAGGCCAACCTAATGCTGATGAAGTGAAGGAAGTCTTCTTTGTGC
 CTTTGGACTATTTCTCCATCCCCAAGTCTACTACCAGAAGCAAATCACACAGTCTGGCCGTGATTTTCAT
 CATGCATTGCTTCGAGTACAAAGACCCTGAGACTGGTGTGAACCTAATCCAGGGAATGACCTCAAAA
 CTGGCTGTGTTGGTGGCCTTAATTATTTTGAACAAAGTCTGCCTTCAAGATTGATTTTGATCTCCATG
 ACCTGATACCGTCTTGTGAAAGGACCTTCTTTGGAGATATTCTTTAAGCAAGTTGTGAAGACCCTGAAA
 CCCCCAAGAACGTACATGAGGTTTTTGTGTGAGCTTATGCTCAGAACAACAGTGTTAGCAAGTGGCATC
 TGACAGGTGTGAATATTTTCTACAATGTGGCTGTGAGATCCTTGCTGACTTCTGTTGCTGCTTTAGA
 AACTAAAAGTCTTTCAAACTGGAAAAATGCACTGGCAGGGGAGAATAATTTTACCCATTTAAAAAAAT
 GGCACGATTTTGTAGTCATATTAGGGATATCTGTACATAGTAGGCACTTAATAAATATTTGTCAAATAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC069843

Insert Size: 711 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).


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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC069843 , AAH69843
RefSeq Size:	1069 bp
RefSeq ORF:	711 bp
Locus ID:	67528
Cytogenetics:	8 E1
Gene Summary:	Coenzyme A diphosphatase which mediates the cleavage of CoA, CoA esters and oxidized CoA with similar efficiencies, yielding 3',5'-ADP and the corresponding 4'-phosphopantetheine derivative as products. CoA into 3',5'-ADP and 4'-phosphopantetheine. Has no activity toward NDP-sugars, CDP-alcohols, (deoxy)nucleoside 5'-triphosphates, nucleoside 5'-di or monophosphates, diadenosine polyphosphates, NAD, NADH, NADP, NADPH or thymidine-5'-monophospho-p-nitrophenyl ester. May be required to eliminate oxidized CoA from peroxisomes, or regulate CoA and acyl-CoA levels in this organelle in response to metabolic demand. Does not play a role in U8 snoRNA decapping activity. Binds U8 snoRNA. [UniProtKB/Swiss-Prot Function]