

Product datasheet for MC218388

Nudt13 (BC049948) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nudt13 (BC049948) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Nudt13
 Synonyms: 4933433B15Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC049948
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCTCTGTATTGTAGAACATTTTTTCAGGAGGAAATCTTTGGGTGCTATAGGCTGCTGTCAACCTATG
 TCACTAAGGCACGATACTTATTTGAATTGAAGGAAGATGAAGAGGCCTGCAGGAAGGCTCAGAAGACAGG
 AGTGTTTTACCTCTTTCATGACCTGGATCCTTTGCTCCAGGCGTCAGGACATCGATACCTGGTGCCCGG
 CTTAGCCGAGCAGAGTTGGAAGGGCTGCTGGGTAAAGTTCGACAGGATTCGAAAGAATTGAAGATTCGG
 TGCTGGTTGGGTGCTCCGAGCAGCAGGAAGCATGGTTTGCTTTGGATCTAGGTCTGAAGAGTGCCTCCTC
 CAGCCGTGCCTCCTTGCCGAAATCTGAAATGGAAGCAGAGCTGGGAGGTTCTTTCATCAAGCTGAGGCAG
 GCTCTTTCCAGCTGAACCTCGGTGGACTCCTCCTTGCTGTTACAGGCTCAGGCTCTTCTCCGCTGGCATG
 ACGGTCATCAGTTCTGCAGCAAATGATCACACTGGTGTGAGATGGGGCCCGCTGCCTACTTGCCCGCCA
 GAGTTCCTTTCCCAAGGGTTATATTCTGCCCTGGCAGGTTTCTGTGACATAGGTGAAAGTGTGGAAGAA
 ACTGTCCATCGAGAAGTTGCGGAAGAGGTGGGCCTGGAAGTGGAAAACATACAGTACTCTGCGTCCCAGC
 ACTGGCCCTTTCCCAATAGCTCACTCATGATCGCTTGTCAGCAACCGTGAACCAGGACACACAGAGAT
 TCAGGTGAACCTGAAGGAAGTAGAGGCAGCCGCTGGTTCAAGTCTGATGAGGTGACCACAGCCCTGAGG
 AGAAAGGGCTCCTTGCTCTGCAGCCGAGTGAGGCTTCCCCTACTGTTGCTGCCTCCCAAGTAGCCATTG
 CCCACCACTTGATTAAGAAGTGGGTGGAGACGCGGAGCTGTTCTTCCCTGGCTGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC049948
 Insert Size: 969 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:	BC049948 , AAH49948
RefSeq Size:	1587 bp
RefSeq ORF:	968 bp
Locus ID:	67725
Cytogenetics:	14 A3
Gene Summary:	NAD(P)H pyrophosphatase that hydrolyzes NADH into NMNH and AMP, and NADPH into NMNH and 2',5'-ADP (PubMed:28755312). Has a marked preference for the reduced pyridine nucleotides (PubMed:28755312). Does not show activity toward NAD-capped RNAs; the NAD-cap is an atypical cap present at the 5'-end of some RNAs (PubMed:31101919). [UniProtKB/Swiss-Prot Function]