

Product datasheet for MC226970

Nudt6 (NM_001291044) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nudt6 (NM_001291044) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Nudt6
 Synonyms: Asfgf2b
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC226970 representing NM_001291044
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGTGGGTGAGGAGGACCCGCTACTGGTTCTCCACATTGCTTACGCGGGCGGAGCCAGGCTCCGGC
 CGGGCGGCGCACAGCCTCGGGCGCCTGGAGACCCCGGCTCCTGCGGGCCGAGCTACAAGGCGAGCT
 GGACAGATTTGGGGCGTCTCGGTGCCTGTGCGCGCACCATACGTTGCACGGGCTGGATGCCCGCCG
 TTCCGGAGGCTCTTGAGGCTGCCATTCAGCAGTGGCGCTCAGAAGGACGGATAGCTGCCTGGCTACACA
 TCCCCATCTGCAGAGCCACTTCATTGCCCTGCTGCTTCCCTGGGCTTTTGCTTCCACCACGAAAACC
 CCATTCCTCAACTGACTCTGTGGCTGGGAGAAGGACCCAGCAGACTCCCGGATATGCTACACACCAA
 GTTGGAGTTCAGGTGCTGTATTTGATGTTAGCACAGGAAAGTACTGGTTGTACAAGATCGAAATAAT
 TGAAAAACATGTGGAAGTTTCCAGGAGGCTGTGCGAGCCAGGAGAAGATATTGCAGACACAGCAGTCCG
 AGAGGTTTTGAAGACTGGTGTCAAGTCAGAATTCAGTCCCTGTTGAGCATCCGGCAGCAACACAGG
 AGCCCTGGGGCCTTCGGATGTCAGACATGTACCTGGTCTGCCGCTGCAGCCTCGTTCCTCACTATCA
 ACTTCTGCCAGCAGGAATGCTTGAAGTGTGAATGGATTGATCTAGAAAACCTGGCCCGGACTAAACACAC
 GACCCCATCACAGCAGGGTGGCTAGGCTACTGCTGTATGGACTCAGGGAAGGGTTTGACAAAATTGAC
 CTCAGCATGGAGGAGCTCCCTGCAGTGTACACAGGCTGTTCTACAACTCTATCACAGGAGCTGCCGG
 AGAGTTACAAAGCCGCAACGGGAGCAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001291044
 Insert Size: 942 bp



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| 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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>NM_001291044.1</u> , <u>NP_001277973.1</u> |
| RefSeq Size: | 1083 bp |
| RefSeq ORF: | 942 bp |
| Locus ID: | 229228 |
| Cytogenetics: | 3 B |
| Gene Summary: | May contribute to the regulation of cell proliferation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. |