

Product datasheet for **MR204439**

Nudt6 (NM_153561) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nudt6 (NM_153561) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nudt6
Synonyms:	Asfgf2b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204439 representing NM_153561 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTGGTGGGTGAGGAGGACCCGCTACTGGTTCTCCACATTGCTTTACGCGGGCGGAGCCAGGCTCCGGC
CGGGGCGGCGCACAGCCTCGGGCGGCCTGGAGACCCGGGCTCCTGCGGGCCGAGCTACAAGGCGAGCT
GGACAGATTTGGGGCGTCTCGGTGCATTGTCGCGGCACCACATGTTGCACGGGCTGGATGCCGCCGCC
TTCCGGAGGCTCTGCAGGCTGCCATTGAGCAGTGGCGCTCAGAAGGACGGATAGCTGCCTGGCTACACA
TCCCCATCCTGCAGAGCCACTTCATTGCCCTGCTGCTTCCCTGGGCTTTTGTCTCCACCACGAAAACC
CCATTCCTCAACACTGACTCTGTGGCTGGGAGAAAGGACCCAGCAGACTCCCGGATATGTACACACCAA
GTTGGAGTTGCAGGTGCTGTATTGATGTTAGCACAGGAAAGTACTGGTTGTACAAGATCGAAATAAAT
TGAAAAACATGTGGAAGTTTCCAGGAGGCCTGTCGGAGCCAGGAGAAGATATTGACACAGCAGTCCGAGA
GGTTTTGAAGAGACTGGTGTCAAGTCAGAATTCAGGTCCTGTTGAGCATCCGGCAGCAACACAGGAGC
CCTGGGGCCTTCGGATGTCAGACATGTACCTGGTCTGCCGCCTGCAGCCTCGTTCTTCACTATCAACT
TCTGCCAGCAGGAATGCTTGAAGTGTGAATGGATTGATCTAGAAAACCTGGCCCGGACTAAACACACGAC
CCCCATCACCAGCAGGTGGCTAGGCTACTGCTGTATGGACTCAGGGAAGGGTTTGACAAAATTGACCTC
AGCATGGAGGAGCTCCCTGCAGTGTACACAGGCCTGTTCTACAACTCTATCACAGGGAGCTGCCGGAGA
GTTACAAAGCCGAACGGGAGCAGAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR204439 representing NM_153561
 Red=Cloning site Green=Tags(s)

MWWVRTRYWFSTLLYAGGARLRPGRRASGGLETPGSCGAELQGELDRFGGVSVHLSRHHTLHGLDAAA
 FRRLQAAIQWRSEGRIAAWLHIPILQSHFIAPAASLGFCFHHAKPHSSTLTLWLGEGPSRLPGYATHQ
 VGVAGAVFDVSTRKVLVQDRNKLKNMWKFPGLSEPGEIDTAVREVFEETGVKSEFRSLLSIRQQHRS
 PGAFGMSDMYLVCRQLQPRSFITNFCQCECLKCEWIDLENLARTKHTTITSRVARLLLYGLREGFDKIDL
 SMEELPAVYTGLFYKLYHRELPE SYKAATGAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9081_g05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_153561

ORF Size: 936 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

RefSeq: [NM_153561.3](#), [NP_705789.1](#)

RefSeq Size: 1080 bp

RefSeq ORF: 939 bp

Locus ID: 229228

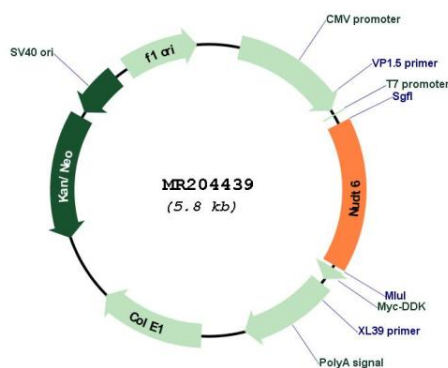
UniProt ID: [Q8CH40](#)

Cytogenetics: 3 B

MW: 35.1 kDa

Gene Summary: May contribute to the regulation of cell proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204439