

Product datasheet for **SC322527**

NUDT18 (NM_024815) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT18 (NM_024815) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT18
Synonyms:	MTH3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for SC322527
 CCCGGCCCCGCTGCCGACAGGGACTGGGAGCGGTCTCCGACAGGGACTGGGAGCGGGCTCCGC
 AGCGCACTCTAGCCCCGGCTCGGCTCAGTCGGTCTGCGAGGATCCGGCCCCGCCGCCCC
 CGGGGACCCGATGGCCTCGGAGGGCTGGCGGGGGCGCTGGCTTCCGTGCTGGCTGGCC
 AGGGGTCCAGCGTGCACAGCTGCGACTCGGCGCCGGCCGGGGAGCCGCCGGCCCGCTGC
 GGCTGCGGAAGAACGTGTGCTACGTGGTCTGGCCGTGTTCTCAGCGAGCAGGATGAGG
 TGCTACTGATCCAGGAGCCAAGAGGGAGTGCCGGGGTCTGGTACCTGCCTGCGGGGA
 GAATGGAGCCAGGGGAGACCATCGTGGAGGCGCTGCAGCGGGAGGTGAAGGAGGAGGCGG
 GGCTGCACTGTGAGCCCCGAGACTGCTGTCCGTGGAGGAGCGGGGCCCTCCTGGGTCC
 GCTTCGTGTTCTCGCTCGCCCCACAGGTGGAATTCTCAAGACTTCCAAGGAGGCCGATG
 CGGAGTCCCTGCAGGCTGCCTGGTACCCACGGACCTCCCTGCCACTCCGCTGCGAGCCC
 ATGACATCTGCACCTGGTTGAACTAGCCGCCAGTATCGCCAGCAAGCCAGGCACCTC
 TCATTCTGCCCAAGAGTACCCTGTGATCTGGTCTGCCAGCGGCTCGTGGCTACCTTTA
 CCAGCGCCAGACAGTGTGGGTGTAGTGGGCACAGTGGGGATGCCTCACTTGCCTGTCA
 CTGCCCTGTGGCCTCGACCCTATGGAGCAGAGGGGTGGCATGAAGATGGCCGTCTCGCGC
 TGCTGCAGGAGTGTCTGACCCTGCACCCTTGGTGGTGGAGATCAAGGGTGTGCTGGAC
 TGACAGCCTGGGCCGAGATCACAGTGTGGCATCTGTTGAATGTGCTGGTGACCGTGG
 CTTTTCGGAGCCCAGGGATCCAGGATGAACCCCAAAAGTTCCGGGGTGAAGAACTTCTCT
 GGTGGAAGGTGATGGAGGAAGACCTGCAAAGCCAGCTCTCCAGCGGCTTCAAGGATCCT
 CTGTTGTCCCAGTGAACAGATAGAGAGGTGGAGGAGGTGACAGGGAGCTAGGCAGCCGTG
 CTCCTCCAGTGCAGGACTGTCTCCCTGAGGGAGGCAAGAGGCTGGCGATCAGGGATC
 TTGTTGCATTGGGAGCAGGGCGGCTCTCCTGGTCCCCAGGAGAGATGCTTTGAGGAGCA
 TTCCTTAGATTGCACAAGGGACAGTGCCTTTAACCAAGCGAGGAGTCCAAGCTCAGGA
 CCTGACTACCCTGAGGGCACGCTGACGCCTTCCCAGGGGATGGGGAGCTTTCTGCAC
 CCCCAGTGGCATCTCCTATCACGTTCTGTGCCGTCTTGGGAAAAGCCTGCATTCTGAT
 CCTTCCAGGCCCTTCGAGCATGGAGGGCACTGGGGAAGGTCCCCGAGGGAGGAGCACG
 TTGCTGAGTAAAGAGGTGTTACTCACCTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024815

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_024815.3](#), [NP_079091.3](#)

RefSeq Size: 1519 bp

RefSeq ORF: 972 bp

Locus ID: 79873

UniProt ID: [Q6ZVK8](#)

Cytogenetics: 8p21.3

Gene Summary: The protein encoded by this gene is a member of the Nudix hydrolase family. Nudix hydrolases eliminate potentially toxic nucleotide metabolites from the cell and regulate the concentrations and availability of many different nucleotide substrates, cofactors, and signaling molecules. This protein contains a Nudix hydrolase domain and hydrolyzes oxidized forms of guanosine and deoxyguanosine diphosphates. [provided by RefSeq, Sep 2012]