

Product datasheet for **SC304365**

NUDT13 (NM_015901) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT13 (NM_015901) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304365 representing NM_015901. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGTCCCTGTATTGTGGAATAGCTTGCAGGAGAAAAATTTTTTGGTGCTATAGGCTGCTGTCAACCTAT
GTTACTAAGACACGGTATTTATTTGAAGTGAAGGAAGATGATGATGCATGTAAAAAGCCAGCAAAACA
GGAGCGTTTTACCTCTTTCATAGTCTGGCTCCTCTGCTTCAGACTTCAGCACATCAATACCTGGCCCCC
CGGCACAGCCTGTTAGAGTTGGAAGGCTCCTGGGTAATTTGGACAGGATGCACAAAGAATAGAAGAT
TCTGTGCTGATTGGATGCTCTGAGCAGCAGGAAGCATGGTTTGTCTGGATCTAGGTCTGGATAGCTCC
TTTTCCATAAGTGCCCTCTTACACAAACCTGAAATGGAGACAGAGCTCAAGGGGTCTTTCATTGAGCTG
AGAAAGGCACCTTTCAACTCAATGCAAGGGATGCCTCCTTGCTGTCCACGGCTCAAGCTCTTCTCCGC
TGGCATGATGCTCATCAGTTCTGCAGCAGAAGTGGGCAGCCACCAAGAAGAAGCTGGCTGGCAGCAAG
CGTGTGTGCCCTTCCAATAATATAATCTATTATCCACAGATGGCTCCTGTGGCGATCACGCTGGTGTCA
GATGGGACCCGATGCCTGCTTGCCCGCCAAAGCTCCTTTCCCAAGGGAATGTATTCTGCCTTGGCAGGT
TTTTGTGATATAGGTGAAAGTGTGGAAGAGACCATCCGCCGAGAAGTGCAGAAGAGGTGGGATTGGAG
GTGGAAGCCTGCAGTACTATGCATCCAGCATTGGCCCTTCCCTAGTGGCTCACTCATGATTGCTTGC
CATGCAACTGTGAAACCAGGGCAGACAGAAATCCAGGTGAACTTGAGAGAATTAGAGACAGCTGCCTGG
TTCAGTCATGATGAGGTAGCCACAGCCCTGAAGAGAAAGGGCCCTATACTCAGCAACAGAATGGGACT
TCCCATTCTGGCTGCCCCCTAAGTTAGCCATCTCCACCAACTGATTAAGGAGTGGGTGAAAAACAG
ACCTGTTCTTCCCTGCCTGCT**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_015901
Insert Size:	1059 bp



[View online »](#)

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:	<u>NM_015901.5</u>
RefSeq Size:	2186 bp
RefSeq ORF:	1059 bp
Locus ID:	25961
UniProt ID:	<u>Q86X67</u>
Cytogenetics:	10q22.2
MW:	39.7 kDa
Gene Summary:	NAD(P)H pyrophosphatase that hydrolyzes NADH into NMNH and AMP, and NADPH into NMNH and 2',5'-ADP. Has a marked preference for the reduced pyridine nucleotides. Does not show activity toward NAD-capped RNAs; the NAD-cap is an atypical cap present at the 5'-end of some RNAs.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).