

Product datasheet for SC319178

NUDT22 (NM_032344) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT22 (NM_032344) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032344.1

```

GGCGGCTGGTGAGCGCCCGCTGGAGGCTGGAGCTTCCGGGCCCTGGAAAGGGTCCCCGC
GCGCCCCGGGTCGGAGGCAGACCCTGGGTTTGGGGGACATGGGCATTTGGGGCGCCTGA
ACCCAAGACCTCTGGATGAGCTGCCCCGTTAGACCATGGATCCTGAGGTGACCTTGCTG
CTGCAGTGCCCTGGCGGGGGCCTGCCCCAGGAGCAGATACAGGCCGAGCTGAGCCCCGCC
CATGACCGTCGCCCACTGCCAGGTGGGACGAGGCCATCACTGCCATCTGGGAGACCCGG
CTAAAGGCCCAACCTGGCTCTTCGACGCCCCCAAGTTCCGCCTGCACTCAGCCACCCTG
GCGCCTATTGGCTCTCGGGGGCCACAGCTGCTCCTGCGCCTGGGCCTTACTTCTACCGA
GACTTCTGGGCACCAACTGGTCCAGCTCAGCTGCCTGGCTGCGACAGCAGGGTGCCACC
GACTGGGGTGACACGCAGGCCTATCTGGCGGACCACTGGGGGTGGGCGCTGCACTAGCC
ACAGCCGATGACTTCTTGTCTTCTGCGCCGCTCCCGGCAGGTGGCTGAGGCCCTGGG
CTGGTGGACGTACCTGGTGGGCACCCTGAGCCTCAGGCCCTGTGCCCTGGTGGCAGCCCC
CAGCACCAGGACCTCGCTGGGCAGCTGGTGGTACATGAACCTTTTTCCAGTGTCCTTCAG
GAGATCTGTGATGAGGTGAACCTGCCGCTGCTCACCCTGAGCCAGCCCCTGCTGTTGGGC
ATCGCCCGAAATGAGACCAGTGCTGGCCGAGCCAGTGCCGAGTTCTATGTCCAGTGCAGC
CTGACTTCTGAGCAGGTGAGGAAGCACTACCTGAGTGGGGGACCCGAGGCCACGAGTCT
ACAGGAATCTTCTTTGTGGAGACACAGAACGTGCGGAGATTGCCCGAGACGGAGATGTGG
GCTGAACCTCTGCCCTCGGCCAAAGGCGCCATCATCTCTACAACCGGGTTCAGGGAAGT
CCCACTGGAGCGGCCCTAGGGTCCCCAGCCCTACTCCCGCGCTCTGAAAATAATAAACG
ACTTTATTCTTGAAAAA
  
```

Restriction Sites: Please inquire

ACCN: NM_032344

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).



[View online »](#)

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_032344.1, NP_115720.1</u>
RefSeq Size:	1125 bp
RefSeq ORF:	912 bp
Locus ID:	84304
UniProt ID:	<u>Q9BRQ3</u>
Cytogenetics:	11q13.1
Gene Summary:	Hydrolyzes UDP-glucose to glucose 1-phosphate and UMP and UDP-galactose to galactose 1-phosphate and UMP. Preferred substrate is UDP-glucose.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode isoform a.