

Product datasheet for SC322937

NUDT22 (NM_001128613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT22 (NM_001128613) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322937 representing NM_001128613. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGATCCTGAGGTGACCTTGCTGCTGCACTGCCCTGGCGGGGGCCTGCCCCAGGAGCAGATACAGGCC
 GAGCTGAGCCCCGCCATGACCGTCGCCCACTGCCAGGTGGGACGAGGCCATCACTGCCATCTGGGAG
 ACCCGGCTAAAGGCCAACCTGGCTCTTCGACGCCCAAGTTCCGCCTGCACTCAGCCACCCTGGCG
 CCTATTGGCTCTCGGGGGCCACAGCTGCTCCTGCGCCTGGGCCTTACTTCCTACCGAGACTTCCTGGGC
 ACCAACTGGTCCAGCTCAGCTGCCTGGCTGCGACAGCAGGGTGCCACCGACTGGGGTGACACGCAGGCC
 TATCTGGCGGACCACTGGGGTGGGCGCTGCACTAGCCACAGCCGATGACTTCCTTGTCTTCCTGCGC
 CGCTCCCGCAGGTGGCTGAGGCCCTGGGCTGGTGGACGTACCTGGTGGGCACCCTGAGCCTCAGGTG
 AACCTGCCGCTGCTCACCTGAGCCAGCCCTGCTGTTGGGCATCGCCCGAAATGAGACCAGTGCTGGC
 CGAGCCAGTGCCGAGTTCTATGTCCAGTGACGCTGACTTCTGAGCAGGTGAGGAAGCACTACCTGAGT
 GGGGGACCGAGGCCACGAGTCTACAGGAATCTTCTTTGTGGAGACACAGAACGTGCGGAGATTGCC
 GAGACGGAGATGTGGCTGAACCTCTGCCCTCGGCCAAAGGCCCATCATCTCTACAACCGGGTTCAG
 GGAAGTCCCACTGGAGCGGCCCTAGGGTCCCCAGCCCTACTCCCGCCGCTCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001128613
Insert Size:	813 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_001128613.2</u>
RefSeq Size:	1042 bp
RefSeq ORF:	813 bp
Locus ID:	84304
UniProt ID:	<u>Q9BRQ3</u>
Cytogenetics:	11q13.1
MW:	29.1 kDa
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 (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 3 and 4 both encode isoform b.