

Product datasheet for SC330979

NUDT22 (NM_001271831) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Tag: Tag Free
Symbol: NUDT22
Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC330979 representing NM_001271831.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATCCTGAGGTGACCTTGCTGCTGCAGTGCCTGGCGGGGCGCTGCCCCAGGAGCAGATACAGGCC
GAGCTGAGCCCCGCCCATGACCGTCGCCCACTGCCAGGTGGGACGAGGCCATCACTGCCATCTGGGAG
ACCCGGCTAAAGGCCCAACCTGGCTCTTCGACGCCCAAGTTCCGCTGCACTCAGCCACCCTGGCG
CCTATTGGCTCTCGGGGGCCACAGCTGCTCCTGCGCCTGGGCTTACTTCTACCGAGACTTCCTGGGC
ACCAACTGGTCCAGCTCAGCTGCCTGGCTGCGACAGCAGGGTGCCACCGACTGGGGTGACACGAGGCC
TATCTGGCGGACCACTGGGGTGGGCGTGCCTAGCCACAGCCGATGACTTCCTTGTCTTCTGCGC
CGCTCCCGGCGAGGTGGCTGAGGCCCTGGGCTGGTGGACGTACCTGGTGGGCACCCTGAGCCTCAGGTG
AACCTGCCGCTGCTCACCTGAGCCAGCCCTGCTGTTGGGCATCGCCGAAATGAGACCACTGCTGGC
CGAGCCAGTGCCGAGTTCTATGTCCAGTGACGCTGACTTCTGAGCAGGTGAGGAAGCACTACCTGAGT
GGGGGACCCGAGGCCACGAGTCTACAGGAATCTTCTTTGTGGAGACACAGAAGTGGGAGATTGCC
GAGACGGAGATGTGGGCTGAACCTCTGCCCTCGGCCAAAGGCGCCATCATCCTCTACAACCGGGTTCA
GGAAGTCCCACTGGAGCGGCCCTAGGGTCCCCAGCCCTACTCCCGCGCTCTGA
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Restriction Sites: SgfI-MluI

ACCN: NM_001271831

Insert Size: 813 bp

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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001271831.1</u>
RefSeq Size:	928 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 (4) differs in the 5' UTR and 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.