

## Product datasheet for **SC108408**

### NUDT11 (NM\_018159) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUDT11 (NM_018159) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDT11
Synonyms:	APS1; ASP1; DIPP3b; DIPP3beta; hDIPP3beta
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108408 sequence for NM_018159 edited (data generated by NextGen Sequencing)

```
ATGAAGTGCAAACCCAACCAGACRCGGACCTACGACCCCGAGGGTTCAAGAAGCGGGCG
GGGTGCCTGTGCTTCCGGAGCGARCGCGAGGACGAGGTCCTGTTAGTGAGTAGCAGCCGG
TACCCGGACCGCTGGATCGTGCCGGGCGGGGCATGGAGCCCGAGGAGGCCGGCGGT
GCGGCGGTCCGAGAGGTGTACGAAGAAGCGGGAGTCAAGGGGAAGTTAGGCCGGCTCCTG
GGCGTCTTCGAACAGAACCAGGATCGCAAGCACAGAACGTACGTGTATGTAAGTACTGTC
ACGGAGCTGCTGGAGGATTGGGAAGATTCGGTTAGCATTGGGAGGAAGCGAGAGTGGTTC
AAAGTCGAAGATGCCATCAAGGTTCTCCAGTGCCACAAGCCCGTGCACGCCGAATATCTG
GAGAACTAAAGCTGGGCGGTTCCCAACCAATGGAACTCCATGGCCCCATCCTCGCCA
GATAGCGATCCCTAA
```

Clone variation with respect to NM\_018159.3  
24 g=>r;84 a=>r



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_018159 unedited  
 TTCAGGAATTTGTAACACGACTTACTATAGGNNCGGCCGCGCAATTCGGCACGAGGCTC  
 GCGGGCGGCGGCACCTCCTCCACTCCGGCGGGCCCGGGTTCGGCCGGCCGCCATCGGAC  
 TGGCCGACTGGCTGACGCGCCTCGCTGCCCGCCCTCCGCTGCGCCCGCCAGCTTCA  
 TCTCTCCCTCCGCTCCCCGGGCTCGCGGCAGACGGAGGCGCCTCTTTCCCCGCCCT  
 CGCCTCGGCCCTTTCTCTTCCAGCACCTCGGCTGTTCCCCGGCGGGCAGCGGCAGCG  
 GCGGCCACACAGCAGCAGAGAGGCGAGAGGAGGCTGCCTCGAGGATGAAGTGCAAACCCA  
 ACCAGACGCGGACCTACGACCCCGAGGGTTCAAGAAGCGGGCGGCGTGCCTGTGCTTCC  
 GGAGCGAACGCGAGGACGAGGTCCTGTTAGTGAGTAGCAGCCGGTACCCGGACCGCTGGA  
 TCGTGCCGGGCGGGGCATGGAGCCGAGGAGGAGCCGGGCGGTGCGGCGGTCCGAGAGG  
 TGTACGAAGAAGCGGGAGTCAAGGGGAAGTTAGGCCGGCTCCTGGGCGTCTTGAACAGA  
 ACCAGGATCGCAAGCACAGAACGTACGTGTATGTACTGACTGTCACGGAGCTGCTGGAGG  
 ATTGGGAAGATTCGTTAGCATTGCGAGGAAGCGAGAGTGGTTCAAAGTCGAAGATGCCA  
 TCAAGGTTCTCCAGTGCCACAAGCCCTGCACGCCGATATCTGGAGAACTAAAGCTGG  
 GCGGTTCCCCAACCAAGGAACTCCATGGCCCATCCTCGCCAGATAGCGATCCCTCAT  
 GAACAGCANAGATGNTCAGTATTGTGCTGAAAGAACATTGATGTGACCCAGTGATCAGTG  
 GAATTGCCAGTCCAGTGAGCCTTCTGGGTCC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_018159 unedited  
 GGCACGCAATCTATAGTCGAGTTTTTTTTTTTTTTTTTTTTAAATTTTTATTATGGAAAATT  
 TCAAACATATACAAAAGTATAGAGAATAGTATAATGAACTCTCAAACATCCATCACACAG  
 CTTCAGCAATTACCAATTTATGGCCAATCTTGTTTCATCTATGTACTCAATTACCCACA  
 CTCAGATGATTTTGAAGCGAATACCAGTAACATATCATTTACCTGTACATTTTTTCAGTA  
 TACTTCTCTAAAAGATAATCATTTTTTTAAAACAACATAACCACAGTACCATATCACATCT  
 TAAAAACAATAAATCAAGAAGTTATTTTTTATTTCAAATTATGTAACAACCTGGGGACA  
 CAATCAATACATTTCACTGGTATCATGAGGAAGAGTGTCACACTAAAATGGAGTCCAAGC  
 TTTTATCGATGCAATTGCTTTATAATATAAAAAGAAAAATCAAACAACTAGCATATTAG  
 AACCACTTTTGGTAATTTGTAAGGAGCTGAAGACTGCTGATATCACACATCCCATGGCAA  
 ACTCCGTAAGATTTCTTAAACATCTTTGTTATTTTCTTAAAATGTTCTGGAGGCAGC  
 TGATGCAAGTCTCTTTTTTAAAAAACCTTCACTTTGTGTTCCCTCTAATAGCAGCCT  
 CTTTCTAAATGCCTTTTCTAAATGACAACAATTTGCCCTCTCACCCCTCTGCATTCT  
 CATATGCAGATACCAAGTAGGATGANGAGCTAGCTGTGTACTGGAAGGATGAAAAC  
 AAGCCAAATGGATCAGTGAGAGAGGCAAAGAAATCTAGACAACCTAAATGGCATATTTAAG  
 TTGAAAATGCCTATGATATACCTGTTGCCTCTGCATCAAATATACAGTATGGTAATCTG  
 TAAATGAAGAACAGTGCTTCTCAAGAATGTNANAATGACATGTAAAAATGTTAAGGCA  
 GCATGCAN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_018159

**Insert Size:**

2570 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.

**RefSeq:** [NM\\_018159.2](#), [NP\\_060629.2](#)

**RefSeq Size:** 2399 bp

**RefSeq ORF:** 495 bp

**Locus ID:** 55190

**UniProt ID:** [Q96G61](#)

**Cytogenetics:** Xp11.22

**Domains:** NUDIX

**Gene Summary:** NUDT11 belongs to a subgroup of phosphohydrolases that preferentially attack diphosphoinositol polyphosphates (Hidaka et al., 2002 [PubMed 12105228]).[supplied by OMIM, Mar 2008]