

## Product datasheet for **SC320315**

### **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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_018159.2  
 TTTCCCGCCCTCGCCTCGGCCCTTCTCTTCCCAGCACCTCGGCTGTTCCCGGCGGC  
 GGCAGCGGCAGCGGGCCACACAGCAGCGAGAGGCGAGAGGAGGCTGCCTCGAGGATG  
 AAGTGCAAACCAACCAGACGCGGACCTACGACCCGAGGGGTTCAAGAAGCGGGCGGC  
 TGCTGTGCTCCGGAGCGAACGCGAGGACGAGGTCTGTAGTGAGTAGCAGCCGGTAC  
 CCGGACCCTGGATCGTGCCGGGCGGGGCATGGAGCCGAGGAGAGCCGGGCGGTGCG  
 GCGTCCGAGAGGTGTACGAAGAAGCGGGAGTCAAGGGGAAGTTAGGCCGGCTCCTGGGC  
 GTCTTCGAACAGAACCAGGATCGCAAGCACAGAACGTACGTGTATGTACTGACTGTCACG  
 GAGCTGCTGGAGATTGGGAAGATTCGGTTAGCATTGGGAGGAAGCGAGAGTGGTTCAAA  
 GTCGAAGATGCCATCAAGTTCTCCAGTGCCACAAGCCCGTGCACGCCGAATATCTGGAG  
 AAATAAGCTGGGCGGTTCCCAACCAATGAAACTCCATGGCCCCATCCTCGCCAGAT  
 AGCGATCCCTAATGAACAGCAAAGATGTTCAAGTATTGTGCTGAAAGAAACATTGATGTGA  
 ACCCAGTGATCAGTGAATTGTCAAGTACAGGTGAGCACTTCTGTGTTCCAAGAAGACA  
 GCTCATCTGGTTTCTTCTGCATCTTGGGACACTCCTCCCTGTCTATACCACTGACTCT  
 TGCTCTGGTTGTGTACTCTTATACGTGAATAGACTCTTAATTCAGCACCTATAGCCTTT  
 TGTTGTGCTTTTTGATGTGCTGCCTTATTAGACTATGATGTCTTTGAGAGCAAAGAC  
 TATTTTCTTACTCTTTGCATATTCTGCATCTGAGACACTACTTGAAATATGGTTGGCA  
 TCACTGAAGGTTCTTTGATTCAATTAATTTTTGTAATCACCGTGTGGCAAAACATTCCC  
 CTTCCAATCTGGTGCTAGTAGAGTATATGCTATCTAGGCACCATGTGTGTGGCTTTTGTG  
 TATCAGGTGTTTCAGAAATATTTCAAGACAGTTGTAAGATGTTTGAGGACAAGAATTATT  
 ACTCCTATTTCTATGTCATACCACAGTAGCTGCACAGTTTTAAGATTATGCCATCACC  
 TAGGGTAATGTTTTGTAGAATCAGTCTTCGTGTAACAACTCTAGTGTTTTTGTACTGTT  
 GATGATTTGCTTAAATTTTATTTCAAAACTATCACTTGTATAAAGGTAATGTAAAAAT  
 AAATACAGTGGACGCAAAATAATGTTGTGAGTTTTTATAAAAAATAAATTTAAAAATGATA  
 TATAAGACATTTTTTTGCAATGCCTGCCCTAACCACTTCTTACATGTCATCTTAACATCT  
 CTTTGAGGAAACTGTTTCTCATTTTACAGATTTAACATACTGTATTATTTGATGCCA  
 GAGCCAACAGGCTATATCATAGGCAGTTTCCAACTTAATTATGCCATTTAGTTTGTCTA  
 GATTTCTTTTGCCTCTCTCACTGATCCATTTGGCTGTAGTTTTTCCCTTTTCCAGTAC  
 ACACAGCTAGCTCCTCATCCTACCTGGTTTCTGCATATGAGAATGCAGAGGGCTGAGAGA  
 GGGCAAAATTGTTGCATTTAGAAAAGGCATTTAGGAAAGAGGCTGCTATTAGAGGGGAA  
 CACAAAGTGAAGTTTTTTTAAAAAAGAGGACTTGCATCAGCTGCCTCCAGAACAATTTT  
 AAGAAAATAACAAAGATGTTTAGAAGAAATCTTACGGAGTTTGCCATGGGATGTGTGATA  
 TCAGCAGTCTTACGCTCCTTACAAATTACCAAAAGTGGTTCTAATATGCTAGTTTGTG  
 ATTTTTCTTTTATATTAAAGCAATTGCATCGATAAAAGCTTGGACTCCATTTTAGTG  
 TGACACTCTTCTCATGATACCAGTGAATGTATTGATTGTGCCCCAGTTGTTACATAA  
 TTTGAAATAAAAAATAAATCTTGTATTATTGTTTTTAAAGATGTGATATGGTACTGTG  
 GTTATGTTGTTTTAAAAAATGATTATCTTTTAGAGAAGTATACTGAAAAATGTACAGGTG  
 AAATGATATGTTACTGGTATTCGCTTCAAATCATCTGAGTGTGGGTAATTGAGTACAT  
 AGATGAAACAAGATTGGCCATAAATTGGTAATTGCTGAAGCTGTGTGATGGATGTTTGG  
 AGTTCATTATACTATTCTCTATACTTTTGTATATGTTTGAATTTTCCATAATAAAAAAT  
 GAAAAAAGTAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018159

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018159.2</a> , <a href="#">NP_060629.2</a>
<b>RefSeq Size:</b>	2399 bp
<b>RefSeq ORF:</b>	495 bp
<b>Locus ID:</b>	55190
<b>UniProt ID:</b>	<a href="#">Q96G61</a>
<b>Cytogenetics:</b>	Xp11.22
<b>Domains:</b>	NUDIX
<b>Gene Summary:</b>	NUDT11 belongs to a subgroup of phosphohydrolases that preferentially attack diphosphoinositol polyphosphates (Hidaka et al., 2002 [PubMed 12105228]).[supplied by OMIM, Mar 2008]