

## Product datasheet for **SC100317**

### **NANP (NM\_152667) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NANP (NM_152667) Human Untagged Clone
Tag:	Tag Free
Symbol:	NANP
Synonyms:	C20orf147; dj694B14.3; HDHD4
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL6</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100317 sequence for NM_152667 edited (data generated by NextGen Sequencing)

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ATGGGGCTGAGCCGCGTGCGGGCGTTTTCTTTGACTTGGACAACACTCTCATCGACACG
GCCGGGGCGAGCAGGAGAGGCATGTTGGAGGTGATAAACTCTTACAATCAAATACCAT
TATAAAGAAGAGGCTGAAATCATCTGTGATAAAGTTCAAGTTAACTCAGCAAGGAATGT
TTTCATCCTTACAATACATGCATTACTGATTTAAGGACTTACATTGGGAAGAAGCAATC
CAGGAAACAAAAGGTGGTGCAGCCAATAGAAAATTGGCTGAAGAATGTTATTTCTTTGG
AAATCTACACGTTTACAGCATATGACACTAGCAGAAGACGTCAAAGCCATGCTTACTGAA
CTTCGAAAGGAGGTCCGCTACTTCTATTAACGAATGGGGACAGACAGACCCAGAGGGAG
AAGATTGAGGCTTGTGCCTGTCAGTCTATTTTGACGCTGTTGTTGTAGGTGGAGAGCAG
AGAGAGGAGAAACCAGCACCGTCCATATTTTATTACTGCTGCAATCTTCTCGGAGTACAA
CCTGGGGACTGTGTGATGGTCGGTGACACATTAGAAACCGACATCCAAGGAGGCCTCAAT
GCAGGATTGAAAGCAACAGTCTGGATCAATAAAAATGGAATAGTCCCACTGAAGTCTCC
CCAGTTCGCATTACATGGTTTCTTCTGTGCTAGAGTTACCTGCTCTTACAAAGTATA
GACTGCAAAGTCAGTATGTCCACTTAA
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Clone variation with respect to NM\_152667.2



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_152667 unedited GCACGAGGGTTTCGCGCCAGCGGCCGCGCTATGGGGCTGAGCCGCGTGCGGGCGGTTTTTC TTTGACTTGGACAACACTCTCATCGACACGGCCGGGGCGAGCAGGAGAGGCATGTTGGAG GTGATAAACTCTTACAATCAAATACCATTATAAAGAAGAGGCTGAAATCATCTGTGAT AAAGTTCAAGTTAACTCAGCAAGGAATGTTTTTCATCCTTACAATACATGCTACTGAT TTAAGGCTTACATTGGGAAGAAGCAATCCAGGAAACAAAAGGTGGTGCAGCCAATAGA AAATTGGCTGAAGAATGTTATTTTCCTTTGGAAATCTACACGTTTTACAGCATATGACACTA GCAGAAGACGTCAAAGCCATGCTTACTGAACTTCGAAAGGAGGTCCGCCTACTTCTATTA ACGAATGGGGACAGACAGACCCAGAGGGAGAAGATTGAGGCTTGTGCCTGTCAGTCTAT TTTGACGCTGTTGTTGTAGGTGGAGAGCAGAGAGAGGAGAAACCAGCACCGTCCATATTT TATTACTGCTGCAATCTTCTCGGAGTACAACCTGNGGACTGTGTGATGGTCCGGTGACACA TTAGAAACCGACATCCAAGGAGGCCTCAATGCANGATTGAAAGCACAGTCTGGATCAATA AAAATGGAATAGTGCCACTGAAGTCTCCAGTCCGCATTACATGGT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_152667
<b>Insert Size:</b>	3500 bp
<b>OTI Disclaimer:</b>	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>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_152667.1</a> , <a href="#">NP_689880.1</a>
<b>RefSeq Size:</b>	2352 bp
<b>RefSeq ORF:</b>	747 bp
<b>Locus ID:</b>	140838
<b>UniProt ID:</b>	<a href="#">Q8TBE9</a>
<b>Cytogenetics:</b>	20p11.21
<b>Domains:</b>	Hydrolase
<b>Protein Pathways:</b>	Amino sugar and nucleotide sugar metabolism, Metabolic pathways