

Product datasheet for **SC316532**

NIPAL4 (NM_001099287) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPAL4 (NM_001099287) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIPAL4
Synonyms:	ARCI6; ICHTHYIN; ICHYN; SLC57A6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001099287 edited

```

TTGCCCAAGATGCCGGGTGACTCCTCCCGGGGACTCTCCCACTCTGGGACGCGTCACTC
TCCCCACCCCTGGGTCCGGACCCCGGCGCTTCTCGCGCGGAGCCACGCGGGGACAAG
TCGCGGCCACCTGCTCCGGAGCTGGGGAGCCCGGCGCGCTCCGCGCGCGTCCGTTTCG
TGTGCCCCGGGCCCCATGGAGCTGCGGGTCAGCAACACCAGCTGCGAGAACGGTTCCTG
CTCCACCTCTACTGCTCCTCCCAAGAAGTCTGTGCCAGATTGTCAATGACCTCAGCCCT
GAGGTGCCAGCAATGCCACCTTTCACAGCTGGCAGGAAAGAATCAGGCAGAACTATGGC
TTCTACATCGGCTGGGCTGGCATTCTGTCTAGCTTCTCATCGGCAGCAGCGTCATC
CTCAAGAAGAAAGGCCTTTGCGACTCGTGGCCACGGGAGCCACTCGAGCTGTGGATGGA
GGCTTCGGCTACCTGAAAGATGCAATGTGGTGGGCTGGATTTCTACCATGGCTGCTGGA
GAAGTTGCCAACTTTGGAGCCTACGCATTTCACCTGCAACAGTCGTACGCCTCTGGGA
GCGCTGAGTGTCTCATAGTGCCATCCTCTCCTCATATTTCTGAGGGAGAGTCTGAAC
CTGCTGGGGAAGCTGGGCTGTGTGATCTGTGTGGCCGGAAGCACAGTGATGGTGATACAT
GCTCCTGAGGAAGAGAAGGTCACTACCATCATGGAGATGGCTTCCAAGATGAAAGACACA
GGGTTCATCGTGTGTTGCTGTGCTTCTGTGGTGTGATGCCTCATCCTCATCTTTGTCAAT
GCCCCACGTTACGGGCAAAGGAATATCCTCATCTACATCATCATCTGCTGTGATCGGG
GCCTTCTCTGTGGCTGCTGTCAAGGGGCTGGGCATCACCATCAAGAACTCTTCCAGGGG
CTGCCAGTTGTCCGGCACCCGCTCCCTACATCCTGTCCCTCATCCTGGCACTGTCCCTC
AGCACTCAGGTCAACTTCTCAACAGAGCACTGGACATTTTCAACACTTCCCTGGTGTTT
CCCATCTACTACGTGTTCTTCAACACGGTGGTCTGTTACCTCGTCCATCATCCTCTTCAAG
GAGTGGTACAGCATGTCTGCTGTGGACATTGCAGGCACCCTCTCGGGCTTTGTACCATC
ATCTTGGGCGTGTTCATGCTGCTGCTTCAAAGACCTGGACATCAGCTGCGCCAGCTTG
CCCCACATGCACAAAACCCACCCCTTCTCCCGCCCCGAACCCACTGTTATTAGACTG
GAAGACAAGAAGTCCTTGTGGACAATATAGAATTGCCAGCACCTCATCACCAGAAGAG
AAACCCAAAGTATTTATAATCCATTCTGA

```

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_001099287
Insert Size:	1500 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001099287.1.
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_001099287.1, NP_001092757.1</u>
RefSeq Size:	3297 bp
RefSeq ORF:	1401 bp
Locus ID:	348938
UniProt ID:	<u>Q0D2K0</u>
Cytogenetics:	5q33.3
Protein Families:	Transmembrane
Gene Summary:	This gene likely encodes a membrane receptor. Mutations in this gene have been associated with autosomal recessive congenital ichthyosis. [provided by RefSeq, Feb 2010] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).