

Product datasheet for SC117825

NIPSNAP1 (NM_003634) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPSNAP1 (NM_003634) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIPSNAP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117825 sequence for NM_003634 edited (data generated by NextGen Sequencing) <pre> ATGGCTCCGCGGCTGTGCAGCATCTCTGTGACGGCGCGGCGGCTGCTGGGGGGCCCGGGG CCTCGCGCTGGGGACGTTGCGTCTGCAGCTGCGGCGCGTTTCTATTCCAAGGACAATGAA GGCAGCTGGTTCCGCTCCCTCTTTGTTCAAAAGTGGATCCCCGGAAGGATGCCCACTCC ACCCTGTGTCCAAGAAGGAAACCAGCAACCTCTATAAGATCCAGTTTCAATGTAAAG CCTGAATACCTGGATGCCTACAACAGCCTCACGGAGGCTGTGCTGCCCAAGCTTCACCTG GATGAGGACTACCCATGCTCACTCGTGGGCAACTGGAACACGTGGTATGGGGAGCAGGAC CAGGCAGTGCACCTGTGGCGATTCTCAGGTGGCTACCCAGCCCTCATGGACTGCATGAAC AAGCTCAAAAACAATAAGGAGTACCTGGAGTTCCGAAGGGAGCGGAGCCAGATGCTGCTG TCCAGGAGAAACCAGCTGCTCCTCGAGTTCAGTTCTGGAATGAGCCACAGCCAGAATG GGTCCCAACATCTATGAGCTGAGGACATACAAGCTCAAGCCAGGAACCATGATCGAGTGG GGGAACAACCTGGGCTCGGGCCATCAAGTACCGGCAGGAGAACCAGGAGGAGTGGGCGGC TTCTTCTCACAGATAGGAGAGCTCTACGTGGTGCACCATCTCTGGGCCTATAAAGACCTG CAGTCTCGGGAGGAGACTCGAAACGCTGCCTGGAGGAAGAGAGGCTGGGATGAAAATGTC TACTATACAGTCCCCCTGGTGCACACATGGAGTCTAGGATCATGATCCCCTTGAAGATC TCGCCTCTGCAGTGA </pre>

Clone variation with respect to NM_003634.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003634 unedited
 NGGGTCAAATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGAACATGGCT
 CCGCGGCTGTGCAGCATCTCTGTGACGGCGCGCGGCTGCTGGGGGGCCCGGGCCTCGC
 GCTGGGACGTTGCGTCTGCAGCTGCGGCGCGTTTCTATTCCAAGGACAATGAAGGCAGC
 TGGTTCGCTCCCTCTTTGTTCAAAAGTGGATCCCCGGAAGGATGCCCACTCCACCCTG
 CTGTCCAAGAAGGAAACCAGCAACCTCTATAAGATCCAGTTTACAATGTAAAGCCTGAA
 TACCTGGATGCCTACAACAGCCTCACGGAGGCTGTGCTGCCCAAGCTTCACCTGGATGAG
 GACTACCCATGCTCACTCGTGGGCAACTGGAACACGTGGTATGGGAGCAGGACCAGGCA
 GTGCACCTGTGGCGATTCTCAGGTGGCTACCCAGCCCTCATGGACTGCATGAACAAGCTC
 AAAACAATAAGGAGTACCTGGAGTTCCGAAGGGAGCGGAGCCAGATGCTGCTGCCAGG
 AGAAACCAGCTGCTCCTCGAGTTCAGCTTCTGGAATGAGCCACAGCCAGAATGGGTCCC
 AACATCTATGAGCTGAGGACATACAAGCTCAAGCCAGGAACCATGATCGAGTGGGGGAAC
 AACTGGGCTCGGGCCATCAAGTACCGGCAGGAGAACAGGAGGCAGTGGGCGGCTTCTTC
 TCACAGATAGGAGAGCTCTACGTGGTGCACCATCTCTGGGCCTATAAAGACCTGCAGTCT
 CGGGAGGAGACTCGAAACGCTGCCTGNAGGAAGAGAGGGCTGGATGAAAATGTCTACTAT
 ANCAGTCCCCTGGTGCACACATGAGTCTANGATCATGATCCNNCTTGAGATCTCGCCTC
 TGCAGTGTGCTGCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003634 unedited
 NCCTCNTTGNCCGCGGCCGCAATTCANGATCGAGTTTTTTTTTTTTTTTTTAGTAAATA
 TTTAATTGTTTCCATCAGCAATCCAGCACAAGTTTTCTGGATGGTAGGCAGAAATCAAG
 CTACCCAAGGGTTCATGATGAGGTATGGGGTCACTGAGGAGACCCCAAGTCACTGAC
 CCCTCCCGCCACCTCCACACACAGGTGGCCCTGCAGAATGAGGGTTGGGCTGATAGAAT
 GTCAATTAGGGGAGACAGGATACAGGGTGAAGGAAACAGGGTCTAGCTTGATATTTGCCT
 GCAGGAAGGAGGGAGGGCAGGAGAGACTCTGCATAGAAGGACTGGAACACACATTAAAG
 TTTTCAACCCCAATATGCAGGGGAAACAGCCAAGCCACTCTCCATCTGTCTAGTATTAG
 GAACCTCTCTCAAGTGGTCTTTTGTCTCTCTGTTCTTCTTCCCAATTCTGTATTCCAG
 ATTCCAAATCTACAATTGAAACCCAAGTTCTGAATTCTAAGTTCTACCTCCGAGTTCC
 TGTTACGTGTCTGTCTCTGCCCTAAATCTTCTGGTCCCCTTCCCTTCCAGCCCC
 CTCTGGGCAGAAATGTCTGAACCTCCTCCTGACCGTGGTGACGAGGTTTGTGTATTGT
 TTTTTTGTGTTGGCAGTCCAGGCTTTTCTCCAGCAGGAGGACTTGGCTCAGACTGTCC
 AGNCAGTGGGTGGCCAGTGAAACAGGGAATTCCTGNAGGCCTGGCCTGGCCTNCTCT
 CTCCACCCACCTCTAGCCACTGGACATACTACCTTTTTGTGCACTAAGCTAANCAGA
 GGATTTCAAGGGTGATAACTGNGGNACTGGTGGGGCCTTGAGATGAGAAATTTAGAAA
 GATATATGAAGGCCCTANAAGATCACTATCTTTCATTTCAGGNAATCAGAACTTCTTA

Restriction Sites:

NotI-NotI

ACCN:

NM_003634

Insert Size:

1960 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_003634.1](#), [NP_003625.1](#)

RefSeq Size: 2233 bp

RefSeq ORF: 855 bp

Locus ID: 8508

UniProt ID: [Q9BPW8](#)

Cytogenetics: 22q12.2

Gene Summary: This gene encodes a member of the NipSnap family of proteins that may be involved in vesicular transport. A similar protein in mice inhibits the calcium channel TRPV6, and is also localized to the inner mitochondrial membrane where it may play a role in mitochondrial DNA maintenance. A pseudogene of this gene is located on the short arm of chromosome 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.