

Product datasheet for SC119243

NIPSNAP2 (NM_001483) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPSNAP2 (NM_001483) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIPSNAP2
Synonyms:	GBAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC119243 representing NM_001483. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGCGAGTGCTGCGCGCCCGGGAGCGGCCTGGGCCGGCGGCCTCCTGCAGCGGGCGGCCCC
TGCAGCCTCCTGCCAGGCTCCGGACATGGACATCTTCCAGCAACAGATCTCGAGAAGACAGCTGGCTA
AAATCCTTATTTGTCGGAAAGTTGATCCAAGAAAAGATGCCACTCCAATCTCCTAGCCAAAAGGAA
ACAAGCAATCTATACAAATTACAGTTTCACAATGTTAAACCGGAATGCCTAGAAGCATACAACAAAATT
TGTC AAGAGGTGTTGCCAAAGATTCACGAAGATAAACACTACCCTTGACTTTGGTGGGACTTGGAAC
ACGTGGTATGGCGAGCAGGACCAAGCTGTCCACCTCTGGAGGTATGAAGGAGGCTATCCAGCCCTCACA
GAAGTCATGAATAAACTCAGAGAAAATAAGGAATTTTGGAAATTCGTAAGGCAAGAAGTGACATGCTT
CTCTCCAGGAAGAATCAGCTCCTGTTGGAGTTCAGTTTCTGGAATGAGCCTGTGCCAAGATCCGGACCT
AATATATATGAATCAGGTCTTACCAACTCCGACCAGGAACCATGATTGAATGGGCAATTAAGGGCT
CGTGCAATCCGCTTCAGACAGGATGGTAACGAAGCCGTCGGAGGATCTTCTCTCAGATTGGGCAGCTG
TACATGGTGCACCATCTTTGGGCTTACAGGGATCTTACAGACCAGGGAAGACATACGGAATGCAGCATGG
CACAAACATGGCTGGGAGGAATTGGTATATTACACAGTCCACTTATTCAGGAAATGGAATCCAGAATC
ATGATCCCACTGAAGACCTCGCCCTCCAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Chromatograms:	https://cdn.origene.com/chromatograms/ja2388_e09.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001483
Insert Size:	861 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_001483.2](#)

RefSeq Size: 2019 bp

RefSeq ORF: 861 bp

Locus ID: 2631

UniProt ID: [O75323](#)

Cytogenetics: 7p11.2

MW: 33.7 kDa

Gene Summary: This gene encodes a member of the NipSnap family of proteins that may be involved in vesicular transport. The encoded protein is localized to mitochondria and plays a role in oxidative phosphorylation. A pseudogene of this gene is located on the long arm of chromosome 2. 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).