

Product datasheet for SC319452

NAPG (NM_003826) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NAPG (NM_003826) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAPG
Synonyms:	GAMMASNAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_003826.1

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AATTCGGCACGAGAGGAAGAGGCAGGGTCACCCTCTCTCCACGTCAGAGACCTGACTGTG
GAGATGGCGGCTCAGAAGATAAACGAGGGGCTGGAACACCTCGCCAAAGCAGAGAAATAC
CTGAAAACTGGTTTTTTAAAAATGGAAGCCAGATTATGACAGTGCCGCTTCTGAATATGGA
AAAGCAGCTGTTGCTTTTAAAAATGCCAAACAGTTTGAGCAAGCAAAAGATGCCTGCCTG
AGGGAAGCTGTTGCCATGAAAATAATAGGGCTCTTTTTCATGCTGCCAAAGCTTATGAG
CAAGCTGGAATGATGTTGAAGGAGATGCAGAACTACCAGAGGCCGTTTACGCTAATTGAG
AAGGCCAGCATGATGTATCTAGAAAACGGCACCCAGACACAGCAGCCATGGCTTTGGAG
CGAGCTGGAAAGCTTATAGAAAATGTTGATCCAGAGAAGGCTGTACAGTTATATCAACAG
ACAGCTAATGTGTTTAAAAATGATGAACGCTTACGACAGGCAGTTGAATTACTAGGAAAA
GCCTCCAGACTACTAGTACGAGGACGTAGGTTTGATGAGGCGGCACTCTCTATTCAGAAA
GAAAAAATATTTATAAGGAAATTGAGAAATTATCCAACCTGTTATAAGAAAACAATTGCT
CAAGTCTTAGTTCATCTACACAGAAATGACTATGTAGCTGCAGAAAGATGTGTCCGGGAG
AGCTATAGCATCCCTGGGTTCAATGGCAGTGAAGACTGTGCTGCCCTGGAACAGCTTCTT
GAAGGTTATGACCAGCAAGACCAAGATCAGGTGTGAGATGTCTGCAACTACCGCTTTTC
AAGTACATGGACAATGATTATGCTAAGCTGGGCTGAGTTTGGTGGTTCCAGGAGGGGA
ATCAAGAAGAAATCACCTGCAACACCACAGGCCAAGCCTGATGGTGTCACTGCCACGGCT
GCTGATGAAGAGGAAGATGAATACTCAGGAGGACTATGCTAGTATTTTGCTTGCTGAAAA
GAAAAGGGAAACAAAGGTAAATCCTGACATGCCATTTCAAGGACTTGGGAATAGATTAG
GGATATCCGTACTTCATTACAGTCATGATTTTGGATCCTAATAAAGACTAGTTTTTAGTT
AAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	Please inquire
ACCN:	NM_003826


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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:	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.
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_003826.1, NP_003817.1</u>
RefSeq Size:	1195 bp
RefSeq ORF:	939 bp
Locus ID:	8774
UniProt ID:	<u>Q99747</u>
Cytogenetics:	18p11.22
Domains:	NSF
Gene Summary:	This gene encodes soluble NSF attachment protein gamma. The soluble NSF attachment proteins (SNAPs) enable N-ethyl-maleimide-sensitive fusion protein (NSF) to bind to target membranes. NSF and SNAPs appear to be general components of the intracellular membrane fusion apparatus, and their action at specific sites of fusion must be controlled by SNAP receptors particular to the membranes being fused. The product of this gene mediates platelet exocytosis and controls the membrane fusion events of this process.[provided by RefSeq, Dec 2008]