

Product datasheet for RN202103

Napa (NM_080585) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Napa (NM_080585) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Napa
Synonyms:	alpha-SNAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202103 representing NM_080585 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACCTCCGGGAAGCAGGCTGAGGCTATGGCGTCTGGCTGAAGCGGAGCGCAAGGTGAAGAACT
CGCAGTCTTCTCTCCGGCCTTTGGAGTTCATCCAAAATAGAGGAAGCATGCGAGATCTATGCCAG
AGCTGCGAACATGTTCAAGATGGCCAAGAAGCTGGAGCGTCTGGGAACGCTTTCTGCCAGGCTGCCAA
CTGCACCTACAGCTCCAGAGCAAGCACGATGCAGCCACCTGCTTGTGGACGCCGGAACGCTTTCAAGA
AAGCTGACCCCAAGAGGCCATTAAGTGTCTGATGAGAGCAATTGAGATCTATACAGACATGGGCAGATT
CACAATCGCAGCCAAGCACCACATCTCCATTGCTGAGATCTATGAGACAGAACTGGTGGATGTAGAGAAG
GCCATTGCCACTACGAGCAATCTGCAGACTACTACAAAGGAGAAGAGTCCAACAGCTCAGCCAACAAGT
GTCTGCTGAAGGTGGCTGGCTACGCCGCACAGCTGGAGCAGTACCAGAAGGCTATCGACATCTATGAGCA
GGTGGGGACCAGCGCCATGGACAGTCCCCTCCTCAAGTACAGCGCCAAAGACTACTTCTTCAAGCGGCC
CTTTGCCACTTCTGCATCGACATGCTGAACGCCAAGCTTGTCTCAGAAGTATGAGGAGCTGTTCCCTG
CCTTCTCGGATCCCAGGAATGCAAGCTGATGAAAAGCTGCTGGAAGCCATGAGGAACAGAATGTGGA
CAGCTACACAGAGTCGGTGAAGGAATGACTCCATCTCCAGACTGGACCAGTGGCTTACCACCATGCTT
CTACGAATCAAGAAGACCATTGAGGCTGATGAGGAAGACCTGCGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080585
Insert Size:	888 bp



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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).
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:	<ol style="list-style-type: none">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_080585.1 , NP_542152.1
RefSeq Size:	1505 bp
RefSeq ORF:	888 bp
Locus ID:	140673
UniProt ID:	P54921
Cytogenetics:	1q21
Gene Summary:	human homolog is involved in intra-Golgi transport [RGD, Feb 2006]