

Product datasheet for SC303742

NRAP (NM_006175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRAP (NM_006175) Human Untagged Clone
Tag:	Tag Free
Symbol:	NRAP
Synonyms:	N-RAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303742 representing NM_006175. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAATGTGCAGCCCTGTTCTAGGTGTGGGTATGGGGTTTATCCTGCCGAGAAGATCAGCTGTATAGAT
 CAGATATGGCATAAAGCCTGTTTCACTGTGAAGTTTGCAAGATGATGCTGTCTGTTAATAACTTTGTG
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 CCACTGGCAAATGAGAGAGCCTATTGGACTGGATATGGGAAGGGAATGCTTGGTGCCCAAGGAGCTCTG
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 CAGATTGTTCAAGCCAAAATCAATGCCAGCAGCTGAGTCATGTGAATTACCGTGCTGACTATGAGAAA
 AATAAGTTGAATTACACATTGCCCCAGGATGTTCTCAGCTGGTGAAGGCCAAAACCAATGCCAACTC


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TTCAGTGAGGTTAAGTATAAAGAAGGCTGGGAGAAGACAAAGGGGAAAGGATTTGAGATGAAGCTGGAT
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 CTGATCGGCATGAAGGGCATAGGATGGCTGGCGCTGAGATCCCCACAGATGGAGAGTGCAAGAAGGCT
 GGAGAACTCATCAGCGAGACCAAGTACCGTAAAAAACAGACAGTATCAAGTTCACCACAGTGGTTGAC
 TCCCCAGACCTGGTTCATGCCAAGAACAGCTATATGCACTGCAATGAGCGCATGTATAGATCTGGAGAT
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 GCTTTCTGCGGGACCGAGGCTGCAGATCGGGTACCGCAGTGTGACGATGACCCAAGGATGAAGCAT
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 TTTCACAGCAGCAGACAGCCAGCCGGCCTCCTCAGGCCAAGAGGAGCCAGCAGCTGGCCAGTGATGTG
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 GCCCACCAGCTGCAGAGTGATGTCAAGTATAAATCAGACTTGAACCTGACCAGAGGTGTTGGCTGGACC
 CCTCTGGCTCCTACAAAGTGGAAATGGCTCGGCGGGCTGCGGAACTGGCCAACGCAAGGGGCTGGGT
 CTCCAGGGAGCTTACCGGGGGCAGAAGCAGTGGAGGCTGGAGATCATCAGAGTGGGGAGGTGAACCCA
 GATGCCACTGAGATCTGCACGTCAAAAAGAAGAAGGCCCTGCTGTTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_006175
Insert Size:	5088 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:	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_006175.4</u>
RefSeq Size:	5441 bp
RefSeq ORF:	5088 bp
Locus ID:	4892
UniProt ID:	<u>Q86VF7</u>
Cytogenetics:	10q25.3
MW:	193 kDa
Gene Summary:	May be involved in anchoring the terminal actin filaments in the myofibril to the membrane and in transmitting tension from the myofibrils to the extracellular matrix.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shortest transcript and encodes the shortest isoform (1, also known as isoform C). 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.