

Product datasheet for **SC127160**

MAK10 (NAA35) (NM_024635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAK10 (NAA35) (NM_024635) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAK10
Synonyms:	bA379P1.1; EGAP; MAK10; MAK10P
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127160 sequence for NM_024635 edited (data generated by NextGen Sequencing)

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ATGGTTATGAAAGCTTCTGTAGATGATGACGATTCAGGATGGGAGCTCAGTATGCCAGAA
AAAATGGAGAAAAGCAATACAACTGGGTGGACATTACCAAGATTTTGAAGAAGCTTGT
CGAGAATTAAAGTTGGGAGAACTACTTCATGATAAGCTATTTGGTCTTTTGAAGCCATG
TCTGCTATTGAAATGATGGATCCCAAGATGGATGCTGGCATGATTGGAACCAAGTTAAT
CGAAAAGTTCTCAATTTTGAACAAGCTATCAAGGATGGCACTATTTAAATTAAGATCTC
ACCTTGCCTGAAGTATAGGGATTATGGATACATGTTTTTGTCTGTTTGATAACGTGGTTA
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ATAGAAGATCCTGCTATGAAGGCTTTTGTCTGGGAATCTTGAAAATCTGTGACATTGCA
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GCTCAAAAATTGATGGTTCAAGCAGCAGATCTTCTTCTGCCATTCATAATTCATTGCAT
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CACAAAAGGAATTTAAAGTTCCTCCTGAATTTGATTTCTCTGCTCATAAATATTTCTCT
GTTGTGAACTTGTGTTGA

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Clone variation with respect to NM_024635.3
516 g=>n;2114 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024635 unedited
 GTGCGAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGGAGGGGGCG
 GCGGCGGCCGAGGCGCGCTCGTTATTTCCGTGGTCCGGACAGTGCGTGCGGCGCGGGTG
 ACCACGGGCAGAGTAGGCATAATGGTTATGAAAGCTTCTGTAGATGATGACGATTACAGG
 ATGGGAGCTCAGTATGCCACGAAAAATGGAGCAAAAGCAATACAACTGGGTGGACATT
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 CAATGTTGGAAGGAATGCAGAAGATTTTCAGTCAATGACTTATGCATTTACAACGGCTAA
 CAGTGTGACAGATCTTTAGTTACACGCCTGCCTAAAAGCAGTGGAGGATGACATGCCAA
 GAACGAGTAAGAGTCCTCCAGTCCGCCAAGACAATTAAGAGATCCCGCAAGTTGACCTA
 GACCACCACCATGTTTTACCACCTTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024635 unedited
 TATATTTAACCTTTAAACACTATTTTCACTCAATCTTCATAAAAATGATTTGTGATTAA
 ATCTGTAATAAAACCATATAACGTTCTCAATGCATTCAATAAGACCAGTTTCTTCCATG
 GAACCTAATAAACCACTTTAAACAGCAGTTTTTCATTCATGTCATATAAGGCTGTCAAAC
 TAAAAGTATTCCTTATAATGAGTTGTTACCCAAGAAATCCATCTCACTTCCCGTGATGTG
 GAGCCTGGTGATGTGCCCTCTAAGAGTTGGGTCTGAAAGAAGACTCTGCCCTTTATGGC
 CACCTTCCAGTCTCTCTCAACAAGTTTCACAACAGGAAAAATTTATGAGCAGAGAAA
 TCAAATTCAGGAGGAACCTTTAAATTCCTTTTGTGTCTCCTGCCAATAAATTCATAACC
 ACAAGTTGGGTTTGGCAACCTTTAAATTCATTAACCTCATGGTCCGGGTTAGGAATA
 TTTTCAATATCATTTTTGCCTGTTGAAAGTGCTTACTAGCTGCCACATACAGTTCAGGA
 GACTGAGGAGGAGGGCTATATTTATTGAGGTGAGACATTTCTTGAACTGTAAGTAGTGC
 ACTGGCGCGGGGTCATCACACTGTTGAATGGAGCAAACCTGTGTTCATACCGAACTTGT
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 GTTTTAAACATTCCAGCACACATGTTCTGATATGCTTGGCTCATTGTGATCTCTCGGCTC
 ATGGGCGAACTTNTTTTNTTTTCTTTTGTCTTACTACTAACGNCCTTTCTGCTGCTTTCA
 TTANCTTTTCTCTGCATTTGAGAGCATCGNCACGACTCAATGTGACATCACCTGCGAAGG
 GAATCANAGAGATACATATATGTATAGNACTCGGGCATCCGNAGAGGTCAATTCAAGCAC
 TAAAGGGCTGTTCTAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_024635

Insert Size:

2660 bp

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_024635.2 , NP_078911.2
RefSeq Size:	2658 bp
RefSeq ORF:	2178 bp
Locus ID:	60560
UniProt ID:	Q5VZE5
Cytogenetics:	9q21.33
Gene Summary:	Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues. Involved in regulation of apoptosis and proliferation of smooth muscle cells.[UniProtKB/Swiss-Prot Function]