

Product datasheet for **SC104413**

MAK16 (NM_032509) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAK16 (NM_032509) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAK16
Synonyms:	MAK16L; RBM13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032509, the custom clone sequence may differ by one or more nucleotides

ATGCAGTCGGATGATGTTATCTGGGATACACTAGGAAACAAGCAATTTTGTTCCTTCAAAATAAGAACCA
 AGACTCAGAGCTTCTGCCGAAATGAATATAGCCTGACTGGACTGTGAATCGGTCATCCTGTCCCCTGGC
 AAATAGTCAGTATGCCACTATTAAGAAGAGAAAGGACAGTGCTACTTGTATATGAAGTTATAGAACGA
 GCGGCTTTTCTCGGCGTCTCTGGGAACGGTCCGGCTTAGTAAAACTATGAGAAAGCACTGGAGCAAA
 TAGATGAAATCTGATTTACTGGCCCCGTTTCATTCGACACAAATGTAAGCAGAGATTACCAAGATCAC
 CCAATACCTAATTCGAATTAGAAACTTACACTAAAGCGACAGAGGAACTTGTTCTTTGAGTAAGAAG
 GTGGAGCGTAGGGAGAAAAGAAGAGAGGAAAAGGCATTAATAGCTGCTCAGCTGGACAATGCCATTGAGA
 AGGAATTACTGGAGAGACTGAAACAAGATACGTATGGCGACATCTACAACCTCCCATTCATGCCTTCGA
 CAAAGCCCTGGAACAACAGGAGGACAGAGAGTGACTCTTCAGATACTGAGGAAAAAGATGATGATGATGAT
 GATGAGGAAGATGTGGGAAAAGAGAAATTTGTGCAAGATGGTGAGGTAGATGAGAGTGACATAAGTGATT
 TTGAGGATATGGATAAACTGGATGCCAGCAGTGATGAAGATCAGGATGGTAAATCCTCCAGTGAGGAGGA
 GGAAGAAAAGGCCCTTAGTGCGAAACACAAAGGCAAAATGCCCTTGAGAGGACCACTGCAGAGAAAACGA
 GCCTATGTGGAATAGAATACGAGCAGGAGACAGAGCCCGTGGCCAAAGCCAAAACACGTGA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032509 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGGGAAGTTGCACGCT
 GAGCCGCGGACACCATGCAGTCGGATGATGTTATCTGGGATACACTAGGAAACAAGCAAT
 TTTGTTCTTCAAATAAGAACCAAGACTCAGAGCTTCTGCCGAAATGAATATAGCCTGA
 CTGGACTGTGTAATCGGTCATCTGTCCCCTGGCAAATAGTCAGTATGCCACTATTAAAG
 AAGAGAAAGGACAGTGCTACTTGTATATGAAGTTATAGAACGAGCGGCTTTTCTCGGC
 GTCTCTGGGAACGGGTCCGGCTTAGTAAAACTATGAGAAAGCACTGGAGCAAATAGATG
 AAAATCTGATTTACTGGCCCGTTTCATTCGACACAAATGTAAGCAGAGATTCACCAAGA
 TCACCCAATACCTAATTGCAATTAGAAAACTTACACTAAAGCGACAGAGGAACTTGTTT
 CTTTGAGTAAGAAGGTGGAGCGTAGGGAGAAAAGAAGAGAGGAAAAGGCATTAATAGCTG
 CTCAGCTGGACAATGCCATTGAGAAGGAATTACTGGAGAGACTGAAACAAGATACGTATG
 GCGACATCTACAACCTCCCATTCATGCCTTCGACAAAGCCCTGGAACAACAGGAGGCAG
 AGAGTGACTCTTCAGATACTGAGGAAAAAGATGATGATGATGATGANGNAAGATGTGGG
 AAAAGAGAAATTGTCGAAGATGGTGAGGTAGATGAGAGTGACATAAGTGATTTTGAGGAT
 AGGNATAAAGTGGATGCCAGCAGTGAATGAGATCAGGGATGGTAATCCTNCAGTGAGGAG
 AGGAAGAAANAGGCCCTTATTGCGAACACAAAGCAANATGCCCTTGAAAGGNACACTGCG
 GAGAAACGAGCCTATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032509 unedited
 TTATGGACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTAAAGTTTTTT
 TAGGGTTTTTTGTTTATTGTGGTAAAAATACTATAAATTTTCCATTTTAAAGTGACAGT
 TCAGTGGCATTAAAGTACAGTCACAATATTGTGCAGTCACTAGCATTGTCCATTTCTGGAG
 CTTTACCAAGGCGATGAAAACTTTAGAAAGGTTAATAGTTACAAGTAAGTAGGCTGGAC
 TTTACTGATGATGAGCTAGGATCTGAAATTAAATGACAGAAAATTCAACTTGACACAGTC
 CCAGAAGCCAAGCTCATTTCCTCACTCTAACTCCAGGCCTAAGATGGCATTAAAGTTA
 AAGGATTCAGGGCTCTCTCCAAGCATAGTTCAAGTTAATAGAGTTGAAAAATAAAGTATA
 GGCCCTTGGTTGGGGAGATCCTGGTTTCCCTTCTCAGCCATGAAGGAGCTGTTGCTTA
 TAGTAGAACCAAGCTTCTGGAAGGAAGAGAGCAGTGTGGCAGAGGGTGTGTCTGTGTGTA
 TAGGCAGTATGCTAACAGGAGACTTGAGGGTAAGAAATCTAGAGGCTGACTTTGGTTCTG
 TTTTATAGTCTTTTTTCACTTTTACCTTTGACCTAAGTTCTTAATTTAGGAAATGATAGCTT
 TCCACTTGACAGTCTTTGAAGTCTCTTCAATTTAATATCCAGATTTAGAGTATGAACA
 TAGCTTTTTCTTCTGATTCCAGAGTTTCTGACAGCTTGTGGTCTTACTGAAGGCCCTCT
 TTGAAGTANTTGTGATGTAGCAAGGGATCCAAACCTTACACCTGAGTCTNGTAAGACGC
 CCTGCTACAGGAGGCACAGACTGCCTNGATCTNCTGGACCGCTGTTCTCAAGGACGGNNT
 AAGGGTAGGCANACTGAANCTNGNTNTCAGNTGGGCCTCATATCCTTATGTANTCCCAT
 GATGATATAATTACTAGNATGN

Restriction Sites:

NotI-NotI

ACCN:

NM_032509

Insert Size:

3460 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).

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_032509.2, NP_115898.2</u>
RefSeq Size:	3549 bp
RefSeq ORF:	903 bp
Locus ID:	84549
UniProt ID:	<u>Q9BXY0</u>
Cytogenetics:	8p12
Domains:	Mak16