

Product datasheet for **SC216201**

MAK (NM_005906) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MAK (NM_005906) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAK
Synonyms:	RP62
ACCN:	NM_005906
Insert Size:	1759 bp



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Insert Sequence: >SC216201 3'UTR clone of NM_005906
 The sequence shown below is from the reference sequence of NM_005906. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGGTGGCCAAGTATGGAGGCCACCGGTAGGAGTCTATGGTGTGAAACCCTACAGCATTGCTCCGTAGA
GTACGTGCAAGTTCCTTGACCCTGGGAAATGTCTACAAATGTCTATTTCTACTGAGTTCTGGAAGAAAT
ATGCAAAAGTGGTACTTGAAGGGCAAAAATCATCCCCTATTTTACTTATTTTCAAGAAATGCATTTT
CTTAGCATCATTGCCACAGTGTGATATATGGGTAGGATGTTACAAAGTATTGAATAAACTATTTGCC
AAAGTATGAAGTATTTGATCTACAATTTAATAAATAGTAAATCCAATAAGAACCCTTAAAAAAAACAA
CTTCCAGAAAATGTTTAGAGTGTTTTAGTTTTTCATTTGTTGTATGTGCCAAATGGTTTAGTAGTCTT
CACTTTGCTGTGGTTGGCTTAAGAGTTTGTCTTTTGTGTTTGTACAGCAGTTGGGCCAACCTTTGCTG
GCTGTCAGCTGTGGTTCTTATTTGACTAAGGCTCTGCGCTGCCATTTTGTCAATGACAGAAAGATTGCA
ATTATTTGTTTTTCTACTTTGAAGCTATGGGAGCGATGGTAATTTCAATCTTGAGCAGGATATCTTTTT
TTTTTTTTTTGAGGCGATGTTTCACTCTTGTGTCCAGGCTGGAGTGCAGTGGCACTATCTTGCTTACT
GCAACCTCCACCTCCTGGGTTCAAGTATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGATTAGAGGCG
TGTGCCACCATGCCTGGCTAATTTTTGTAGTATTAGTAGAGACAGGGTTTACCATTGTTGGTCAGGCTC
AGGCTGGTCTCAAACCTCAGCTCAGGTGATCCACCTGCCTCGGCTCCCAAAGTGCAGGGCTTACAG
GTGTGAGCCACAGTGCCAGCTTTTTTTTTTTTTTTTAAATAAAATTTATCTTAAACATAGAGAATA
TCAAAGTTATGCCACTTGATTTTAGTGGACGGCTTGTTTTGATCTTGACCAGTACAGTCCCATTGAA
TTCAAGTGAACAATCAAGCCCAATGGCTTGATGACTTCAATAGTAACCAAGTCAAGGTTCTCTTGCTG
GACATCATTAAAGAAAGTTCTGGAAACTGTGTTTTGTTGATGCTGGTTCATTGGACTTTTCAAATGTTT
TGTTTTCTGTGTCCTACCAGACCAAAGATGAAGTGTGCCAGCTGGTTCCTCCCAAGCCAGCTCATGCTG
CTGACCACTGACTCAGCTCTGACCTTACATTTGCTCTGAAGCAAGTGCCTTACAGCTGTGGGCGAGTG
ATATCACATAGTACATATATTATTTCTTAGTTTATTTCCAAACTGGTATTTTAAATAGACACTTCGAA
CTTTGGGCTACTCTGTTAAATCTGCCACTTCTGGACTGGACCTTAGTACTGTAATTTCTTTTTAAAG
AATAATAATGTTACCAACTGCTGAGATTTTATGATTTTGTGACTTTGTAACAACTGCTATTGTAATA
AGTGCATCTTGTGGCATTATACAAAGGCATATTATAAAATAAATGATATTTTGTATAGAAGAGT
CAACTGTTTCAGATGTAAGATGTTGAAAAATGTTAAAATCTAAAGAGTAATTTATCCTAGTGGTAATGGT
TATATGATTTGTACAGTTAAATTAATGTCTCAAAGCTGTGCAGTCTTTTGTACTGGGACACTTTTA
AACTCTGAATAGGCATTAAAAAAATATGGCTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005906.6](#)

Summary: The product of this gene is a serine/threonine protein kinase related to kinases involved in cell cycle regulation. Studies of the mouse and rat homologs have localized the kinase to the chromosomes during meiosis in spermatogenesis, specifically to the synaptonemal complex that exists while homologous chromosomes are paired. Mutations in this gene have been associated with ciliary defects resulting in retinitis pigmentosa 62. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 4117

MW: 66.8