

Product datasheet for **SC209508**

MSK2 / RSK-B (RPS6KA4) (NM_003942) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | MSK2 / RSK-B (RPS6KA4) (NM_003942) Human 3' UTR Clone |
| Symbol: | MSK2 / RSK-B |
| Synonyms: | MSK2; RSK-B; S6K-alpha-4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_003942 |
| Insert Size: | 765 bp |
| Insert Sequence: | >SC209508 3'UTR clone of NM_003942 The sequence shown below is from the reference sequence of NM_003942. 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
CGAGCCAACGGCCCCCTGCCCCCTCCTAATCCCCACCACTGTGACCCCTTCCCTCATAGGGGCTGTG
ACCTGGGAGCCCGGCTCACTCCCGGAGGCCTCTGCCTGCGGCTGACCTGATCCCCAAGGGACTGTCCTT
TCCTCTCCTACCCACCCCACTCCAGACAGAGCAGAAGTATTTTATAAGCAGAGAATTTTTATGTC
TTACCAGATAGAGTTGCAGGGAAGGGGGGCTGCTGGGGAGTGGGGTTGGGGGCCCTCTCCCAGGA
CACTGCCTCTTCTGGGCAGAAGGCCCTCCAGGGGACTGCTCCAACAGGAAAGAGCCCTCCCCACT
TCTAAGCACTGAGTTAGGAGTGCTAACTCCTAAACTGGGACCCCTACCTGTTCTCCCCTGAGGCCCC
GTTCTGGGAGGGGACCCCTCACTGTCACTTTATGGACTGTCTGTGCAATTACGTCCACCAAAGACC
CGTGTGGGGGTACTGAAGGAGAGGCCCTGGGGGACCCTCTGAAGCATTCTGCCTCACTTTATGTCAT
CTGCTTCCCCTGTTGGGGCTAAGGAAGGAGATAGGTGGCTCCTAAAAGAGGAGGCCATCTTCTCACC
CACCCCTCCTCTTTGGCACAGCTACTCCTGGCTGGGGTGGGGCCTTGGGGTCTGGGCTGGGCATCC
ATGGTCACTGCCTCAGCCAGCCAGGCTGTGCCTTTGACTTTAAAATAAAAAGTCCACCCAGTGCTGTG
TGCGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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| 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: | <u>NM_003942.3</u> |
| Summary: | This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including CREB1 and ATF1. The encoded protein can also phosphorylate histone H3 to regulate certain inflammatory genes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016] |
| Locus ID: | 8986 |
| MW: | 26.7 |