

## Product datasheet for **SC210242**

### RSK1 p90 (RPS6KA1) (NM\_002953) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** RSK1 p90 (RPS6KA1) (NM\_002953) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** RPS6KA1  
**Synonyms:** HU-1; MAPKAPK1; MAPKAPK1A; p90Rsk; RSK; RSK1  
**ACCN:** NM\_002953  
**Insert Size:** 854 bp  
**Insert Sequence:** >SC210242 3'UTR clone of NM\_002953  
 The sequence shown below is from the reference sequence of NM\_002953. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGAGGAAGTTGCCATCCACCACCCTGTGAGGCACCAGGGCATTCCGGCCACAGGGCGGTGCTAGCTTG
ACACAGTCAGCATGCTTCCAGAGGGAGCAGGCCGGAACACAGGGCCAGAGGGAGCTGGAACCCGAGG
GGCCGGGGAAGCTGCCAGCCCAGAACACCCTAATGAGGGTGTGAGAAGTGCCTTCTCTCCCCAGGA
TGGACTCTTCTCGGCTCAGGCTCTGCTGGTGGAAAGCGATTCACTGTATAAACTTTTTTTATGAAAAA
AATGGCATCAACCACCATGGATTTTACAAGATCCATTTGCCTTCTGGGAGCAGAAACAGCCATTGCG
GCCCCAGGAGGGAACTGAGTCACGCTGGGGCTCTCTGAGACTCTTTAGAGCAGCTTTGGGATCCCACC
CTGGGGACCCCCACGATTGGCCACCTGTAGCCATCTGCACACACCTCCGAGACAGTCCAGTGTACCTC
TCTCAGAGCATCTGGCTGTTTAGCAGAACTCATTCTATCCCCAATCAGCTCCTTTTCCGTTCTGTTCTG
CTGGGAGTTCTAGAACCACTTCTGCTACAGGAGGGTCTCATGTCTGCTGGCTTCCAGCTTCCAGGCA
CCAGCATCCACCTTGGCTCTGCCAGTGGATCCCCTGCGGTGAGGCTGGGAGCCCCAGAGAGAGGATGT
GGAAAGCACTTTTTGGCTGACTTCTATCTGGGGTTGGCAACAGGACAGAGTTCACAGGAGGCCAGTGGGC
GGCCATGAGGGACAGGGTCTTTTTTCATTTCTCTCAGCTGGTACTCAGGGTTCATCTGTCCATGG
CCTTTCTAATAAACTGTTGAGTTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_002953.4</a>
<b>Summary:</b>	This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates various substrates, including members of the mitogen-activated kinase (MAPK) signalling pathway. The activity of this protein has been implicated in controlling cell growth and differentiation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	6195
<b>MW:</b>	30.3