

Product datasheet for **SC203095**

P70 S6 Kinase beta (RPS6KB2) (NM_003952) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P70 S6 Kinase beta (RPS6KB2) (NM_003952) Human 3' UTR Clone
Symbol:	P70 S6 Kinase beta
Synonyms:	KLS; p70(S6K)-beta; P70-beta; P70-beta-1; P70-beta-2; p70S6Kb; S6K-beta2; S6K2; S6KB; S6Kbeta; S6KI(2); SRK; STK14B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003952
Insert Size:	262 bp
Insert Sequence:	>SC203095 3'UTR clone of NM_003952 The sequence shown below is from the reference sequence of NM_003952. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA CGATCGCC AAGAGGGGCCGTGGCGTCCAGGGCG TAG GAAGCCGGTGGGGTGAGGGTAGCCCTTGAGCCCTGTC CCTGCGGTGTGAGAGCAGCAGGACCCTGGGCCAGTTCAGAGACCTGGGGTGTGTCTGGGGTGGGG TGTGAGTGCATGAAAGTGTGTCTGCTGGGCAGCTGTGCCCTGAATCATGGGCACGGAGGGCCG CCCGCCACGCCCCGCTCAACTGCTCCCGTGAAGATTAAGGGCTGAATCATG ACGCGT AAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_003952.3</u>



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Summary: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains a kinase catalytic domain and phosphorylates the S6 ribosomal protein and eukaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation. [provided by RefSeq, Jan 2015]

Locus ID: 6199

MW: 8.9