

Product datasheet for **MC220813**

Rps6ka6 (BC054113) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6ka6 (BC054113) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rps6ka6
Synonyms:	2610524K04Rik; RSK4; S6K-alpha-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC054113
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTACCGTTCCGCCCTGTGGAGGATCCCTGGGACCAAGAAGACATGGAGGTGTTCCGCAGCACGAGCA
 GTAGCGAGCCACAGGTTGTGTTTACCATGAAGAACGCAGCAACGGTTATGCGGGAGCATGAACGCAAAGA
 GGTAAATGATCTGAAAATGGTTGATGAGCCAATGGAAGAGGGAGAGCCAGTTTCTTGCCGCGGGAAGAA
 TTGGTTAAGGAGGTACCTATTACACAGCATGTTAAAGAAGGATACGAGAAAGCAGATCCCGCACAGTTTG
 ACTTGCTCAAGGTTCTTGGTCAGGGATCTTTGGAAAGGTTTTTCTTGTTAGAAAGAAGACTGGTCTGA
 TGCTGGGCAGCTCTATGCAATGAAGGTGTTAAGAAAAGCTTCTTTGAAAGTTCGAGACCGAGTTCGCACA
 AAGATGGAGAGGGATATCTTGGTGAAGTAAATCATCCCTTATCGTCAAAGTCACTATGCTTTTCAGA
 CTGAAGGGAAGCTGACTTAATATTGGATTTCTCAGGGGAGGAGATGTCTTACAAGATTATCCAAGA
 GGTTCTTTTTACAGAGGAAGATGTAAATCTACCTTGGGAATTGGCCCTGGCTTTGGATCATCTACAT
 CGATTAGGAATGTTTATAGAGACTGAAACCAGAAAACATCTTACTTGATGAAATAGGACATATCAAGT
 TAACAGATTTTGGGCTTAGCAAAGAGTCACTGGATCAAGAAAAGAAGGCCTACTCATTTTGTGGTACTGT
 AGAATATATGGCCCTGAAGTAGTAAACAGACGAGCCATTCTCAGAGTCTGATTGGTGGTCATATGGT
 GTACTTATGTTTGAATGCTTACTGGCACTTTGCCATTTCAAGGGAAAGACAGAAATGAGACCATGAATA
 TGATACTGAAAGCAAACCTTGAATGCCCAATTCCTTAGTGCTGAAGCACAAGTCTATTAAGGATGTT
 ATTCAAAAGGAATCCAGCAAATAGATTGGGGTCAGAAGGAGTTGAAGAAGTCAAAGACATGCCTTTTT
 GCTTCCATTGACTGGAATAAACTATATAAAGAGAAGTCCAGCCCTCTTTCAGACCTGCTTCTGAAAAAC
 CGGATGATACCTTCTGTTTTGATCCTGAATTTACTGCCAAAACACCTAAAGATTCTCTGGTTTGGCAGC
 CAGTGCAAACGCTCATCAACTCTTCAAAGGATTCAGTTTTGTTGCGACTTCTATTGCCGAAGAATATAAA
 ATCACTCTGTTACAAGTCAAATGTATTACCAATCGTTCAGATAAATGGAAATGCTGCTCAATTTAGTG
 AAGCTTATGAATTGAAAGAGGATATTGGTATTGGTTCTTATTCTGTTTGAAGCGATGCATACACTCAGC
 TTCCAATGTGGAATTTGCAGTCAAGATCATTGATAAAAAAAGAGAGACCCCTCAGAAGAAATTGAAATT
 TTGATGCGCTATGGACAACATCCAACATTATCTCTTAAAGGAGGTCTTTGATGATGGGAAATATGTTT
 ACCTTGTACGGACTTGATGAAAGGAGGAGAACTTCTGGATCGGATTCTCAAAAAGAAATGTTTCTCAGA
 GCAGGAAGCTAGTAATGTGCTGTATGTAATAACCAAGACAGTTGAATGCCTTCATTCTCAAGGAGTCGTT
 CATCGTGATCTTAAGCCAGTAATATTTATATATGGATGAGTCAGCCATCCAGATTCAATCAAGATCT
 GTGATTTTGGGTTTGAAAACAGCTTCGTGGAGAAAATGGACTTCTGTTAACTCCGTGCTACACCGCAA
 CTTTGTAGCACCTGAGGTTCTCACTCAACAGGGATATGATGCTGCCTGTGATATTTGGAGCTTAGGAGTC
 CTTTTGTACAAATGTTGGCCGGCTACACTCCATTTTCCAACGGCCCAATGATACTCCTGAGGAAATAC
 TGCTGCGCATAGGCAACGGGAGGTTCTCTTTGAGTGGTGAATCTGGGACAATATTTACGTTGGAGCAA
 GGAAGCAGTGGCAGCACCATATCTGTCTTGGCTCGGAACCCAAACAGGCATCATCCAATCCTGGAGCCT
 GTTACTGCTTACGTTTAGCTCAGAGGCGGAACATGAAAAGCGAACATCAACTGGCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC054113
Insert Size: 2163 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:	<ol style="list-style-type: none">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>BC054113</u> , <u>AAH54113</u>
RefSeq Size:	3906 bp
RefSeq ORF:	2162 bp
Locus ID:	67071
Cytogenetics:	X E1
Gene Summary:	Constitutively active serine/threonine-protein kinase that exhibits growth-factor-independent kinase activity and that may participate in p53/TP53-dependent cell growth arrest signaling and play an inhibitory role during embryogenesis.[UniProtKB/Swiss-Prot Function]