

Product datasheet for **MC222160**

Rps6ka6 (NM_025949) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6ka6 (NM_025949) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rps6ka6
Synonyms:	2610524K04Rik; RSK4; S6K-alpha-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222160 representing NM_025949
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGAATTTTGAAGGACACGCCACAGCCATCTGGCCACAGGTCCAACCTCTAACTTGAACCTGTTCT
 GTTGTCTTCCATTTTTGGATGTCGTCGGCGATCCAAGAGTCGGCAGCGGGCGGGACCCCGTGGTCCC
 TCTTTGAGGTACCCGCGCTGGCGAGGTGGCGAGTCACCCAGCGCGAGACCTGGTCTTTCGAAGACGAC
 CAGGAGCCCGCTCAGCAGACGGGATGCATGCTGGTGTGGGGCCAGGCAGCTTCTTTCGAGAGCCCTG
 AAGCGCGATGCTACCGTTCGCCCTGTGGAGGATCCCTGGGACCAAGAAGACATGGAGGTGTCGGCAG
 CACGAGCAGTAGCAGCCACAGTTGTGTTTACCATGAAGAACGCAGCAACGGTTATGCGGGAGCATGAA
 CGCAAAGAGGTAATGATCTGAAAATGGTTGATGAGCCAATGGAAGAGGGAGAGCCAGTTTCTTGCCGGC
 GGAAGAATTGGTTAAGGAGATACCTATTACACAGCATGTTAAAGAAGGATACGAGAAAGCAGATCCCGC
 ACAGTTTGACTTGCTCAAGGTTCTGGTCAGGGATCTTTTGAAAAGGTTTTCTTGTAGAAAAGACT
 GGTCTGATGCTGGGCAGCTCTATGCAATGAAGGTGTTAAGAAAAGCTTCTTTGAAAAGTTCGAGACCCGAG
 TTCGCACAAAGATGGAGAGGGATATCTTGGTGAAGTAAATCATCCCTTATCGTCAAATGCACATATGC
 TTTTCAGACTGAAGGGAAGCTGTACTTAATATTGGATTTCTCAGGGGAGGAGATGTCTTACAAGATTA
 TCCAAAGAGGTTCTTTTACAGAGGAAGATGTGAAATTCACCTTGACAGAAATGGCCCTGGCTTTGGATC
 ATCTACATCGATTAGGAATTGTTTATAGAGACCTGAAACCAGAAAACATCTTACTTGATGAAATAGGACA
 TATCAAGTTAACAGATTTTGGGCTTAGCAAAGAGTCAGTGGATCAAGAAAAGAAGGCCTACTCATTTTGT
 GGTACTGTAGAATATATGGCCCCTGAAGTAGTAAACAGACGAGGCCATTCTCAGAGTGCTGATTGGTGGT
 CATATGGTGTACTTATGTTTGAATGCTTACTGGCACTTTGCCATTTCAAGGGAAAAGCAGAAAATGAGAC
 CATGAATATGATACTGAAAGCAAAAACCTGGAATGCCCAATTCTTAGTGCTGAAGCACAAAGTCTATTA
 AGGATGTTATTCAAAGGAATCCAGCAAATAGATTGGGGTCAGAAGGAGTTGAAGAAGTCAAAGACATG
 CTTTTTTGCTTCCATTGACTGGAATAAATATATAAAAGAGAAGTCCAGCCTCCTTTCAGACCTGCTTC
 TGGAAAACCGGATGATACCTTCTGTTTTGATCCTGAATTTACTGCCAAAACACCTAAAGATTCTCCTGGT
 TTGCCAGCCAGTGCAAACGCTCATCAACTCTTCAAAGGATTCAGTTTTGTTGCGACTTCTATTGCCGAAG
 AATATAAATCACTCCTGTTACAAGTTCAAATGTATTACCAATCGTTCAGATAAATGAAATGCTGCTCA
 ATTTAGTGAAGCTTATGAATTGAAAGAGGATATTGGTATTGGTCTTATTCTGTTTGAAGCGATGCATA
 CACTCAGCTTCCAATGTGAATTTGCAGTCAAGATCATTGATAAAAATAAGAGAGACCCCTCAGAAGAAA
 TTGAAATTTTGATGCGCTATGGACAACATCCCAACATTATCTCTTAAAGGAGGTCTTTGATGATGGGAA
 ATATGTTTACCTGTTACGGACTTGATGAAAGGAGGAGAACTTCTGGATCGGATTCTCAAAAAGAAATGT
 TTCTCAGAGCAGGAAGCTAGTAATGTGCTGTATGTAATAACCAAGACAGTTGAATGCCTTCACTCAAG
 GAGTCGTTTCATCGTGATCTTAAGCCCAGTAATATTTTATATATGGATGAGTCAGCCCATCCAGATTCAAT
 CAAGATCTGTGATTTGGGTTTGCAAACAGCTTCGTGGAGAAAATGGACTTCTGTTAACTCCGTGCTAC
 ACCGAAAACCTTTGTAGCACCTGAGGTTCTCACTCAACAGGGATATGATGCTGCCTGTGATATTTGGAGCT
 TAGGAGTCTTTTGTACACAATGTTGGCTGGCTACACTCCATTTTCCAACGGCCCAATGATACTCCTGA
 GGAATACTGCTGCGCATAGGCAACGGGAGGTTCTCTTTGAGTGGTGAATCTGGGACAATATTTACGCT
 GGAGCAAAGGATTTGCTTCTCATATGCTTACATGGACCCACATCAGCGTTATACTGCTGAGCAAGTAT
 TAAAGCACCTTGATAACCCAAAGAGAACAAGTCCCGGCCATCAGCCAAACTCAGATGAGCCACCACA
 GGAAGCAGTGGCAGCACCATATTCTGTCTTGGCTCGGAACCCAAACAGGCATCATCCAATCTGGAGCCT
 GTTACTGCTTACGTTTAGCTCAGAGGCGGAACATGAAAAGCGAACATCAACTGGCTT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025949
Insert Size: 2583 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:	NM_025949.3 , NP_080225.2
RefSeq Size:	4683 bp
RefSeq ORF:	2583 bp
Locus ID:	67071
UniProt ID:	Q7TPS0
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]