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Product datasheet for MC202598

Rps6ka2 (NM_011299) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6ka2 (NM_011299) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rps6ka2
Synonyms:	90kDa; D17Wsu134e; p90rsk; pp90rsk; Rps6ka-rs1; Rsk3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC055331 sequence for NM_011299 CCGGGAGCTGGTACTCCTGGCCGGAGGCAAAGGCGCCGCGGGAGTGATCCAGGGACCCGGGCCCGGTGGC CGGTGCGGCCTGCCCTTTGTGCTTGCAGCCCGCATCCGCGCCGAGGGCCGCCGCGTCGGGCTCCCCGGCG CGCGTGCCCGCCAGCGCGCTGCCTAGCCTGGGATGTGCCGGGGATGCGCGCCCGCCGGCCCTGCGGCTCC TGGCAGCTGGGCGCGGGGCGATGGAGCTGAGCATGAAGAAGTTCACGGTGCGCAGGTTCTTCTCCGTGTA CCTGCGCAAGAAGTCGCGCTCCAAGAGCTCCAGTCTGAGTCGCCTCGAGGAAGAAGGCATTGTGAAGGAG ATTGACATTAGCAACCATGTGAAGGAAGGCTTTGAGAAGGCAGACCCCTCCCAGTTCGAGCTACTAAAGG TTTTAGGACAAGGGTCGTATGGAAAGGTGTTCTTGGTGAGGAAGGTTACAGGATCAGACGCTGGTCAGCT CTACACCATGAAGGTCCTGAAGAAAGCCACCTTGAAAGTGCGAGACCGGGTCAGATCTAAGATGGAGAGA GACATCCTGGCAGAGGTGAATCACCCTTTCATTGTCAAGCTGCATTATGCCTTTCAGACCGAAGGCAAGC TCTACCTGATCCTGGACTTCCTGCGGGGAGGTGACCTCTTCACCAGGCTTTCCAAAGAGGTGATGTTCAC GGAGGAGGATGTCAAGTTCTACCTGGCTGAGCTGGCCTTGGCTCTAGACCACCTCCATGGCCTGGGGATC ATCTACAGGGATCTGAAGCCAGAGAATATCCTCCTGGATGAAGAGGGACACATTAAGATCACAGATTTTG GCTTGAGCAAGGAGGCCACCGACCATGACAAGAGAGCCTATTCATTCTGTGGGACTATTGAATACATGGC GCCCGAGGTGGTGAACCGGCGTGGACACACACAGAGTGCCGACTGGTGGTCCTTCGGTGTGCTCATGTTC GAGATGCTCACAGGGTCCCTGCCATTCCAGGGGAAGGACAGGAAGGAAACAATGGCCCTCATCCTCAAAG CCAAGCTGGGTATGCCTCAGTTCCTCAGTGCGGAGGCTCAGAGCCTGCTCAGGGCCCTTTTCAAGCGGAA CCCCTGCAACAGGCTAGGTGCTGGTGTTGATGGAGTGGAGGAAATTAAACGTCACCCGTTCTTTGTCACC ATAGACTGGAATAAGCTGTACCGCAAGGAGATCAAGCCACCCTTCAAGCCAGCAGTGGGCAGGCCTGAGG ACACCTTCCACTTTGACCCCGAGTTTACTGCAAGGACCCCCACAGATTCTCCTGGTGTCCCCCCAAGTGC AAACGCCCACCACCTCTTCAGAGGATTCAGCTTTGTGGCCTCCAGCCTGGTCCAGGAGCCCTCACAGCAA GACGTGCCCAAGGCCCCCATTCACCCAATTGTGCAGCAGCTACATGGGAACAACATCCACTTCACTGACG GCTATGAGATCAAGGAGGACATCGGGGTGGGCTCCTACTCAGTGTGCAAGCGGTGTGTACACAAAGCCAC GGATGCTGAGTATGCTGTGAAGATCATCGATAAGAGCAAAAGGGACCCCTCGGAGGAGATTGAGATCCTC CTGCGCTATGGCCAGCACCCCAACATCATCACCCTAAAAGATGTCTATGATGATGGCAAGTACGTCTACC TGGTGATGGAGCTCATGCGAGGCGGGGAGCTGCTGGACCGTATCCTCCGTCAGCGGTGCTTCTCAGAGCG TGAGGCCAGTGATGTGCTCTATACCATCGCCAGGACCATGGACTACCTGCACTCCCAAGGGGTTGTCCAT

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ACGGCGGCCACTGTACAGATATTTATTATGCTTTCCAAACTTTCCCATGAGATTTTTTGAATAAACATGG
ATTTTATGAAAAAAAAAAAAAAAAAAA

Restriction Sites:	AscI-NotI
ACCN:	NM_011299
Insert Size:	2202 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:	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:	BC055331, AAH55331
RefSeq Size:	5417 bp
RefSeq ORF:	2202 bp
Locus ID:	20112
UniProt ID:	Q9WUT3
Cytogenetics:	17 4.7 cM
Gene Summary:	Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of transcription factors, regulates translation, and mediates cellular proliferation, survival, and differentiation. May function as tumor suppressor in epithelial ovarian cancer cells (By similarity). [UniProtKB/Swiss-Prot Function]