

Product datasheet for **MR208674**

Rps6kl1 (NM_146244) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rps6kl1 (NM_146244) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rps6kl1
Synonyms:	A830084F09Rik; AW046440
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208674 representing NM_146244
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCCTGGTAGCCTGTGAATGTCCACCTGGACCAGGCCTGGAGCCAGAGCCCTGTTCAGGACACGGT
 CCCAGGCCTGCATGTACCTGGAACAGATTTCGTAACCGGGTAGCTACAGGGACAGCCGATGTGACCAAACG
 TGACTACCTGGTAGATGCAGCTACACAGATCCACCTGGCACTGGAGCGAGATGTCAGTGAAGACTACGAG
 GCTGCCTCAACCACTACCAGAATGGTGTGGACGTGCTACTCCGCGGTGTGCATGTTGACCCCAACAAGG
 AGAGGCGTGAAGCTGTGAAGCTGAAAATTACCAAGTACCTACGGAGGGCAGAGGAGATCTTCAACTGCCA
 CCTGCAGCGGACCCTGGGCACTGGAGCCAGTCCCAACACGGGCTTCAGCAGCTTGAGGCTCCGGCCCATC
 CGCACACTGAGCTCTGCTCTGGAGCAGCTGAAGGGATGCAGGGTCTGGCATCATCAAGAAGGTGCAGG
 TGGTTCAGGACCCGGCAACTGGAGGAACCTTCATCGTGAAGAGCCTCCCAAGGTGTACATGGTGCAGCCG
 GGAGCGGTGACGATCATCCACATGGCGTCCCCTACATGACAAAATTGTTGCGATACTTCTGTGAGCGAG
 GACTCCATCTTCCCTGCACCTGGAGCATGTGCAAGGAGGCACCCTTGGTACATCTACTCTCCAGGACC
 ATTTTCAATACTCTGGGCTTAACTCTGGCTCGGTTCAAGGAGAAGTCGCAAGCCCAACTCAGCACCCGCT
 CAGCCTCATGACCCAGCGGAGCTCACACCAGGCCATACCCTGAGGCAGAACAGAATCCCAATGGAGCCT
 CCACGGACTTCCCAGAGCCTACCCAGCCCTCCAGCTTCAGAAAAGAGCCGATGCTGAGCCTTCATCCA
 GGCCAGTGCTGTCTTCTTTCAGACCCACAGAGGCCCGTGTGGCCACTCGCACAGTCAAGTTAGGCG
 AGCTGGCCAGAGTTGAAACCCAGCACCCACGCAGAGGCTCCACTGGGTACGAGAAGGGGCTGACCCGGTG
 CTAGGACCTATGGCCGAGGCAGGGTTCGAAACCCCATCAGCAAACAGGGCCAGCCTGGGGAGCGGAA
 GAGCTGCCTGGAGCCTGAGGGAGGGACAGGTGAAGCAGTGGCAGCTGAGATGCTGCTGGCATTAGAGG
 GCTGCATCAGCAGGGGTGCTGTGCCGGGACTCAACCCACAGAACCTGCTCCTGGACCAGGCAGGTCCAC
 ATCCAACCTCACGTATTTGGCCAGTGGTCAAGAAGTGGAGCCGCGATGCAGCCAGGAGGCCGTGGACTGTC
 TGTACAGTGTCCAGAGTTGGGGCATTCTGAGCTGACTGAAGCCTGTGACTGGTGGAGCTATGGCTC
 ACTCCTGTATGAACTGCTCACAGGAATGGCACTGTCCCAGAGCCACCCTTCAAGATTCCAGGCCACACC
 CAACTCCAGCTGCCTGAGTGGCTTAGTCACCCAGCAGCTTCTCTGCTAACTGAGCTGCTGCAGTTTGCAG
 CCCAGCGCGCCTAGGAGCTGGAGGTGGTGGCACCAGCAGACTCAAGTCCCATCCCTTTTCAGTACTAT
 CCAGTGGAGCCGGCTAATGGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208674 representing NM_146244
 Red=Cloning site Green=Tags(s)

MSLVACEPPPGLEPEPCSRARSQACMYLEQIRNRVATGTADVTKRDYLVDAATQIHLALERDVSSEDYE
 AAFNHYQNGVDVLLRGVHVDPNKERREAVKLKIKTYLRRAEEIFNCHLQRTLGSASPNTGFSSRLRPI
 RTLSSALEQLKGCRRVVGIIKKVQVVQDPATGGTFIVKSLPRCHMVSRRERTIIPHGVPMYTKLLRYFVSE
 DSIFLHLEHVQGGTLWSHLLSQDHFQYSLNSGSVQEKSSQAQLSTRLSLMTPAELTPGHTLRQNRIPMEP
 PRTSQSLPPALQLQKEADAEPSSRPSAVFSSDPTEAPCGHSHSQVRRAGQSSNPAPTQRLHVVREGADRV
 LGAYGRGRNPPSANRASLGSRAAWSLREGQVKQWAAEMLLALEALHQQGVLCRDLNPQNLLDQAGH
 IQLTYFGQWSEVEPRCSQEAVDCLYSAPEVGGISEL TEACDWWSYGSLLYELLTGMALSQSHPSGFQAHT
 QLQLPEWLSHPAASLLTELLQFEPQRRLGAGGGTSRLKSHPPFFSTIQWSRLMG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9010_b01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_146244

ORF Size: 1632 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_146244.4](#), [NP_666356.2](#)

RefSeq Size: 2534 bp

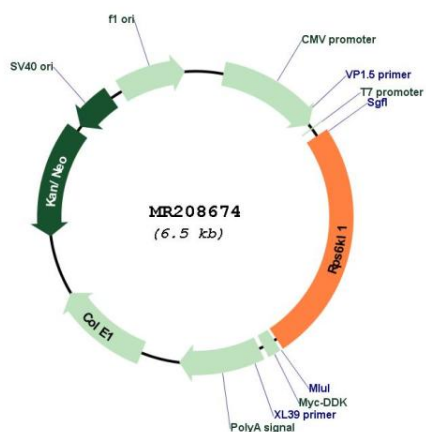
RefSeq ORF: 1635 bp

Locus ID: 238323

UniProt ID: [Q8R2S1](#)

Cytogenetics: 12 D1
 MW: 60.6 kDa

Product images:



Circular map for MR208674