

Product datasheet for SC310771

RPS4Y2 (NM_001039567) Human Untagged Clone

Product data:

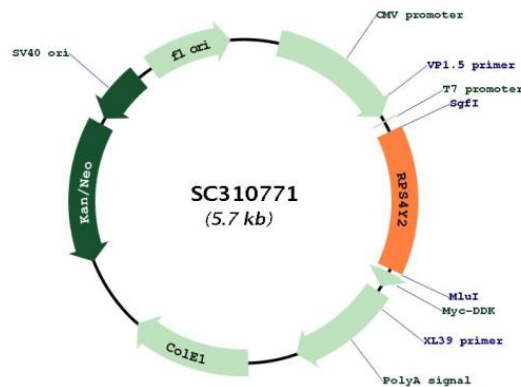
Product Type:	Expression Plasmids
Product Name:	RPS4Y2 (NM_001039567) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPS4Y2
Synonyms:	RPS4Y2P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310771 representing NM_001039567. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCCGGGGCCCAAGAAGCACTTGAAGCGTGTTCAGCGCCGAAGCATTGGATGCTGGATAAACTA
ACTGGTGTATTTGCACCTCGTCCATCGACAGGTCTCACAAGCTGAGGGAATGTCTCCCTGATAGTC
TTCCTCAGGAATAGACTCAAGTATGCATTGACTGGAGATGAGGTAAGAAGATATGTATGCAACACTTC
CTCAAAATTGATGGCAAGGTTTCGAGTGGACATCACATACCCTGCTGGATTCATAGATGCATCAGCATT
GAGAAAACAGGTGAGCATTTCGCCTGGTCTATAATACCAAGGGCTGTTTGTGTTTCATCGTATCAC
GTGGAAGAGGCAAGTACAAGTTGTCAAAGTGAGGAAGATTACTGTGGGACAAAGGAATTCACAC
CTGGTGACTCATGATGCTCGAACCATTTCGCTACCCAGATCCTCTCATCAAGGTGAACGATACTGTGAG
ATTGATTTAGGGACTGGGAAGATAAACCAGCTTTATCAAATTTGACACAGGCAATGTATGTATGGTGATT
GCTGGAGCTAACCTCGGTTCGTGTTGGTGTGATCACAACAGGGAAAGACATCCTGGTTCTTGCGATGTG
GTACATGTGAAGGATGCCAACGGCAACAGCTTTGCCACAAGGATTTCCAACATTTTGTGATTGGCAAT
GGTAATAAACCTTGATTTCCCTGCCAGGGGAAAGGGCATCCGACTTACTATTGCTGAAGAGAGAGAC
AAGAGGCTGGCTGCCAACAGAGCAGTGGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:


ACCN: NM_001039567

Insert Size: 792 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001039567.2](https://www.ncbi.nlm.nih.gov/RefSeq/record/NM_001039567.2)

RefSeq Size: 888 bp

RefSeq ORF: 792 bp

Locus ID: 140032

UniProt ID: [Q8TD47](#)

Cytogenetics: Yq11.223

MW: 29.3 kDa

Gene Summary: The protein encoded by this gene is a ribosomal protein that is highly similar to RPS4Y1. This gene is located in the male-specific region of the Y chromosome. [provided by RefSeq, Aug 2012]