

Product datasheet for **SC122974**

RPP21 (NM_024839) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	RPP21
Synonyms:	C6orf135; CAT60
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024839 edited
CGGTGATGGCGGGGCCGGTGAAGGACCGCGAGGCCTCCAGAGGCTCAACTTCCTGTACC
AGGCCGCCATTGTGTCTTGCCAGGACCCGAGAACCAGGCGCTGGCGAGGTTTACT
GCTACACTGAGAGGACATTGCGAAGCGGCTCGTCTTGCGGCGGGATCCCTCGGTGAAGA
GGACTCTGTGCGAGGCTGCTTCCCTCCTCGTCCCGGGCCTCACCTGCACCCACCGCC
AGAGACGCTGCAGGGGACAGCGCTGGACCGTACAGACCTGCCTAACATGCCAGCGCAGCC
AACGCTTCCTCAATGATCCCGGCATTTACTCTGGGGAGACAGGCCTGAGGCCAGCTCG
GGAGCCAAGCAGATTCCAACCACTACAACCTTGCCAAACACAGCCCACTCCATTTAG
ACCGCCTTCTGAGGAGAAAAATGCAGACTCAGGGTTCCAGTAACCAAGTATGGATTACCC
CCATCTCCCAATAAAGTTTACTTGTTTTACATTCCAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide >OriGene 5' read for NM_024839 unedited
Sequence: TACGACTGACTATAGGGCGGCCGGAATTCGGCACGAGGCGGTGATGGCGGGGCCGGTGA
AGGACCGCGAGGCCTCCAGAGGCTCAACTTCCTGTACCAGGCCGCCATTGTGTCTTG
CCCAGGACCCCGAACCAGGCGCTGGCGAGGTTTACTGCTACACTGAGAGGACCATTTG
CGAAGCGGCTCGTCTTGCGGCGGGATCCCTCGGTGAAGAGGACTCTCTGTGAGGCTGCT
CTTCCCTCCTCGTCCCGGGCCTCACCTGCACCCACCGCCAGAGACGCTGCAGGGGACAGC
GCTGGACCGTACAGACCTGCCTAACATGCCAGCGCAGCCAACGCTTCCTCAATGATCCCG
GGCATTACTCTGGGGAGACAGGCCTGAGGCCAGCTCGGGAGCCAAGCAGATTCCAAC
CACTACAACCTTGCCAAACACAGCCCACTCCATTTACAGACCGCCTTCCTGAGGAGAAAA
TGCAGACTCAGGGTTCAGTAACCAAGTATGGATTACCCCATCTCCCAATAAAGTTTA
CTTGTTTTACATTCAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGT
CATAGCTGTTTCTGGACAGATCCCGGGTGGCATCCCTGTGNACCCCTCCAGTGCCCTCT
CCTGGCCCTGGAAAGTGCCACNTCAGTGCCCAACAGCCTTTGTCTAATAAANTAAGTTGC
ATCATTTTGTCTGACTAGGTGTCTTNCCTATATATATGGGGTGGAGGGGGTGGGTATG
AN

Restriction Sites: Please inquire



ACCN:	NM_024839
Insert Size:	545 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_024839.1, NP_079115.1</u>
RefSeq Size:	541 bp
RefSeq ORF:	465 bp
Locus ID:	79897
UniProt ID:	<u>Q9H633</u>
Cytogenetics:	6p22.1
Gene Summary:	RPP21 is a protein subunit of nuclear ribonuclease P, which processes the 5-prime leader sequence of precursor tRNAs (Jarrous et al., 2001 [PubMed 11497433]).[supplied by OMIM, Jan 2009] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.