

Product datasheet for SC126354

RPS21 (BC027976) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPS21 (BC027976) Human Untagged Clone
Tag: Tag Free
Symbol: RPS21
Synonyms: HLDF; S21
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC027976 edited
CGCGCGTGTGGTGGCAGCAGGCGCAGCCAGCCTCGAAATGCAGAACGACGCCGGCGAG
TTCGTGGACCTGTACGTGCCGCGGAAATGCTCCGCTAGCAATCGCATCATCGGTGCCAAG
GACCACGCATCCATCCAGATGAACGTGGCCGAGGTGAGCTGGGAGCCCGGAGGCCGGAA
GGTTGTGATATATGTGCGGGAAAGGCAGGCTGTCCCATTGTGGAGGAGCCCTGGGGTGA
AGGTACAGGCAGAGGCTGGCTTTGAGGATTGGTGTTCCTCAAACCTGGGGAGTGGTTTG
TGACCCTTCTTCTTTCTAGGTTGACAAGGTCACAGGCAGGTTAATGGCCAGTTAAA
ACTTATGCTATCTGCGGGGCCATTCGTAGGATGGTGTGTTCCCTGGGCTTTGCTCAT
CACTTCGGGACATCGTGGACTTTACCGTGCGCATTGGAGTGTGTGATGGTGCCTGAGTAG
ATCTGCTGGCAGAGTAGTTTGAGCCAGCTGGACTGGGCTGGCCGCTGCCGCTTCTTGAG
GGTGGAAGAGGGGTGCTCTGAGAAGACTCAGGCAGCAGACTCTGCCTCTCACTAGGAG
GTGCCCCCCCCACCCCGCTCCACCATAGTCAGGCTGCAGGCTGCCCGGAGAGGTGGCT
CCCCCTTCTGCGCCTGTCTCCATTGCTCAGCGGGGAGAGACGTGGGCTGGTGGCACAGC
TGACCTTCTGCCATCTCAGGCAGCCGGAGTGAAATATTCTTAGTGTGCTTTTTTTTTTT
TCTTAAGGTTGAGTCAGATGATTCCATTCTCCGATTGGCCAAGGCCGATGGCATCGTCTC
AAAGTAAGGTTGGGGGCTCACATTTGGGCAGAGTGAGTGGACTAGGACTGCTCCAGAGGC
GTGGTCTTAACGTTGCTTTTCCCTGGTCTAGGAACCTTTGACTGGAGAGAATCACA
GATGTGGAATATTTGTCATAAATAAATAATGAAAACCTAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC027976 unedited CGGGTTTCNGATTTGTATACGACTCATATAGGCGGACCGCGATTCAAATCTGGTACCGGTC CGGAATCCCCTGGGATCTCGCGCGCGGTGTGGTGGCAGCAGGCGCAGCCAGCCTCGAAAT GCAGAACGACGCCGGCGGAGTTCTGTGGACCTGTACGTGCCGCGGAAATGCTCCGCTAGCAA TCGCATCATCGGTGCCAAGGACCACGCATCCATCCAGATGAACGTGGCCGAGGTGAGCTG GGAGCCCCTGGGAGGCGGGAAGTTGTGATATATGTGCGGGAAGGCAGGCTGTCCATTGT GGAGGAGCCCCTGGGGTGAAGGTACAGGCAGAGGCTGGCTTTGAGGATTGGTGTTCCTCCA AACCTGGGGGAGTGGTTTGTGACCCTTCTCTTTCTAGGTTGACAAGGTCACAGGCAG GTTAATGGCCAGTTTAAAACCTTATGCTATCTGCGGGGCCATTCTAGGATGGTGGTGT TTCCCTGGGCTTTGCTCATCACTTCGGGACATCGTGGACTTTACCGTGCCATTGGAGTG TGTGATGGTGCCTGAGTAGATCTGCTGGCAGAGTAGTTTGAGCCAGCTGGACTGGGCTGG CCGCTGCCGCTTCTGAGGGTGAAGAGGGGTGCTCTGAGAAGACACTCAGGCAGCAGA CTCTGCCTCTACTAGGAGGTGCCCCCCCCACCCGCTCCACCATAGTCAGGCTGCANGC TGCCCCGGGAGAGGTGGCTCCCTTCTGCGCTGTCTCCATTNCCTCANGGGGGGAGAGA CCGTGGCTGGTGGCACAACCTTCTGCCATCTCAGGCAGCCCGAGTGGAAATATTCT AGTGTGCTTTTTTTTTTCTCTAAGGGTGAAGTCAAGATGATTCCATTCTCCGATTGGCCAA GGCCN
Restriction Sites:	Please inquire
ACCN:	BC027976
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:	BC027976.1
RefSeq Size:	1034 bp
Locus ID:	6227
Cytogenetics:	20q13.33
Protein Pathways:	Ribosome

Gene Summary:

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S21E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants that encode different protein isoforms have been described, but their existence has not been verified. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]