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Product datasheet for SC120119

RPL34 (NM_033625) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL34 (NM_033625) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL34
Synonyms:	L34
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120119 sequence for NM_033625 edited (data generated by NextGen Sequencing) ATGGTCCAGCGTTTGACATACCGACGTAGGCTTTCCTACAATACAGCCTCTAACAAAACT AGGCTGTCCCGAACCCCTGGTAATAGAATTGTTTACCTTTATACCAAGAAGGTTGGGAAA GCACCAAAATCTGCATGTGGTGTGTGCCCAGGCAGACTTCGAGGGGTTCGTGCTGTAAGA CCTAAAGTTCTTATGAGATTGTCCAAAACAAAGAAACATGTCAGCAGGGCCTATGGTGGT TCCATGTGTGCTAAATGTGTTCGTGACAGGATCAAGCGTGCTTTCCTTATCGAGGAGCAG AAAATCGTTGTGAAAGTGTTGAAGGCACAAGCACAGAGTCAGAAAGCTAAATAA Clone variation with respect to NM_033625.2

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033625 unedited
TGTTCACCATATTTGTATACGACTCCTATAGGCGGCCCGCGAATTCGCACGAGGGGCACT
CAGAATGGTCCAGCGTTTGACATACCGACGTAGGCTTTCCTACAATACAGCCTCTAACAA
AACTAGGCTGTCCCGAACCCCTGGTAATAGAATTGTTTACCTTTATACCAAGAAGGTTGG
GAAAGCACCAAAATCTGCATGTGGTGTGTGCCCAGGCAGACTTCGAGGGGTTCGTGCTGT
AAGACCTAAAGTTCTTATGAGATTGTCCAAAACAAAGAAACATGTCAGCAGGGCCTATGG
TGGTTCCATGTGTGCTAAATGTGTTCGTGACAGGATCAAGCGTGCTTTCCTTATCGAGGA
GCAGAAAATCGTTGTGAAAGTGTTGAAGGCACAAGCACAGAGTCAGAAAGCTAAATAAAA
AAATGAAACTTTTTTGAGTAATAAAAATGAAAAGACGCTGCAAAAAAAAAAAAAAAAAAC
TCGACTCTAGATTGCGGCCGCGGTCATAGCTGTTTCCTGAACAGATCCCGGGTGGCATCC
CTGTGACCCCTCCCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTCCAGTGCCCACCAG
CCTTGTCCTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGTCCTTCTATATAAT
TATGGGGTGGAGGGGGTGGGTATGGGAACAAGGGGCAAAGTTGGGAAGACAACCTGTAAG
GCCTGCGGGGGCTATGGGGACCAACCTGAAGTGCAGTGGCACCATCTTGGCTCACTGCAA
CTCCGCCTCCTGGTTTCAAGCGATCCTTCTGCCCTCACCTCCGGATTGGTGGGGATCCAG
GCATGCATGACCAGGCTCACTTATTTTTGGTTTTTTGGAAAACCGGGGTTTCCCCTTTTG
GCCAGCCTGTTTTCCACTCCCAATTTC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033625 unedited
TGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGCAGCGTCTTTTCAT
TTTTATTACTCAAAAAAGTTTCATTTTTTTTATTTAGCTTTCTGACTCTGTGCTTGTGCCT
TCAACACTTTCACAACGATTTTCTGCTCCTCGATAAGGAAAGCACGCTTGATCCTGTCAC
GAACACATTTAGCACACATGGAACCACCATAGGCCCTGCTGACATGTTTCTTTGTTTTGG
ACAATCTCATAAGAACTTTAGGTCTTACAGCACGAACCCCTCGAAGTCTGCCTGGGCACA
CACCACATGCAGATTTTGGTGCTTTCCCAACCTTCTTGGTATAAAGGTAAACAATTCTAT
TACCAGGGGTTCGGGACAGCCTAGTTTTGTTAGAGGCTGTATTGTAGGAAAGCCTACGTC
GGTATGTCAAACGCTGGACCATTCTGAGTGCCCCTCGTGCCGAATTCGCGGCCGCCCTAT
AGTGAGTCGTATTACAAAATTCTGACGGTTCACTAAACGAGCTCTGCTTATATAGACCTC
CCACCGTACACGCCTACCGCCCATTTGCGTCAACGGGGCGGGGTTATTACGACATTTTGG
AAAGTCCCGTTGATTTTGGTGCCAAAACAAACTCCCATTGACGTCAATGGGGTGGAGACT
TGGAAATCCCCGTGAGTCAAACCGCTATCCACGCCCATTGGTGTACTGCCAAAACCGCAT
CACCATGGTAATAGCGATGACTAATACGTANATGTACTGCCAAGTAGGAAAGTCCCCGTA
GGTCATGTACTTGGCATAATGCCACGCCGGCCATTTACCGTCATTGACGTCAATAGGGGC
CGACTGGNCATATGAACACCTGAGTACTGCCAGTGGGCAGTTACCGTAATACTCCCCCAT
TGAC

Restriction Sites: NotI-NotI

ACCN: NM_033625

Insert Size: 430 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:	NM_033625.1, NP_296374.1
RefSeq Size:	869 bp
RefSeq ORF:	354 bp
Locus ID:	6164
UniProt ID:	P49207
Cytogenetics:	4q25
Domains:	Ribosomal_L34e
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 60S subunit. The protein belongs to the L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Overexpression of this gene has been observed in some cancer cells. Alternative splicing results in multiple transcript variants, all encoding the same isoform. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Feb 2016] Transcript Variant: This variant (2) represents the longest transcript. Variants 1-6 all encode the same protein.