

Product datasheet for **RG203029**

RPL4 (NM_000968) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL4 (NM_000968) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RPL4
Synonyms:	L4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203029 representing NM_000968 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTGTGCTCGCCACTGATATCGGTGTAAGGAGTCCGAAAAGGGGAGTCACTGGCAAAAATGTCCTT
TGCCTGCTGTATTCAAGGCTCCTATTCGACCAGATATTGTGAACCTTTGTTACACCAACTTGCACAAAA
CAACAGACAGCCCTATGCTGTCAGTGAATTAGCAGGTCATCAGACTAGTGTGCTGAGTCTTGGGGTACTGGC
AGAGCTGTGGCTCGAATCCCAGAGTTCGAGGTGGTGGGACTCACCGCTCTGGCCAGGGTCTTTTGAA
ACATGTGTCGTGGAGGCCGAATGTTGCACCAACCAAACTGGCGCCGTTGGCATCGTAGAGTGAACAC
AACCCAAAAACGATACGCCATCTGTTCTGCCCTGGCTGCCTCAGCCCTACCAGCACTGGTATGTCTAAA
GGTCATCGTATTGAGGAAGTTCCTGAACCTCCTTTGGTAGTTGAAGATAAAGTTGAAGGCTACAAGAAGA
CCAAGGAAGCTGTTTTGCTCCTTAAGAACTTAAGCCTGGAATGATATCAAAAAGGTCTATGCCTCTCA
GCGAATGAGAGCTGGCAAAGGCAAAATGAGAAACCGTCGCCGTATCCAGCGCAGGGGCCCGTGCATCATC
TATAATGAGGATAATGGTATCATCAAGGCCTTCAGAAACATCCCTGGAATTACTCTGCTTAATGTAAGCA
AGCTGAACATTTGAAGCTTGCCTGGTGGGCATGTGGGACGTTTCTGCATTTGGACTGAAAGTGCCTT
CCGGAAGTTAGATGAATTGTACGGCACTTGGCGTAAAGCCGCTCCCTCAAGAGTAACTACAATCTTCCC
ATGCACAAGATGATTAATACAGATCTTAGCAGAATCTTGAAAGCCAGAGATCCAAAGAGCCCTTCGAG
CACCACGCAAGAAGATCCATCGCAGAGTCTAAAGAAGAACCCTGAAAACTTGAGAATCATGTTGAA
GCTAAACCATATGCAAAGACATGCGCCGGAACACCATCTTCGCCAGGCCAGGAATCACAAGCTCCGG
GTGGATAAGGCAGCTGCTGCAGCAGCGCACTACAAGCCAAATCAGATGAGAAGGCGCGGTTGCAGGCA
AGAAGCCTGTGGTAGGTAAGAAAGGAAAGAAGGCTGCTGTTGGTGTAAAGAAGCAGAAGAAGCCTCTGGT
GGGAAAAAAGGCAGCAGCTACCAAGAACCAGCCCTGAAAGAAGCCTGCAGAGAAGAAACCTACTACA
GAGGAGAAGAAGCCTGCTGCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_000968.4](#)

RefSeq Size: 1449 bp

RefSeq ORF: 1284 bp

Locus ID: 6124

UniProt ID: [P36578](#)

Cytogenetics: 15q22.31

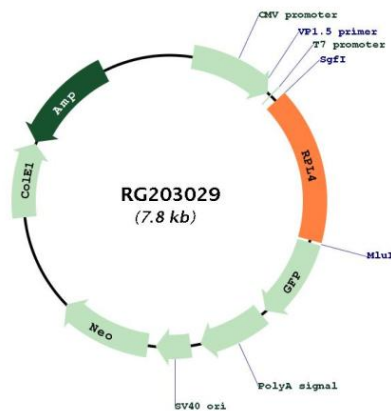
Domains: Ribosomal_L4

Protein Families: Druggable Genome

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 L4E family of ribosomal proteins. It is located in the cytoplasm. 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]

Product images:



Circular map for RG203029