

Product datasheet for **RG204751**

RPL10L (NM_080746) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL10L (NM_080746) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RPL10L
Synonyms:	RPL10_5_1358
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204751 representing NM_080746 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCGCCGTCCAGCTCGCTGTTACCGGTATTGTAAGAACAAGCCGTACCCAAAATCTCGTTTCTGCC
GAGGGTTCCTGATGCCAAGATCCGCATCTTTGACCTGGGTAGAAAGAAGGCAAAAGTGGATGAGTTCCC
ACTCGGTGGCCACATGGTGTCTGATGAATATGAGCAGCTGTCTTCTGAAGCCCTGGAGGCCGCCGATT
TGTGCCAACAAAACATGGTAAAAGTTGTGGCAGAGATGGCTTTCACATGCGAGTGGGCTCCATCCCT
TCCATGTCATCCGCATCAACAAGATGTTGTCTGTGCTGGGGCTGACAGGCTCCAGACAGGTATGCGAGG
TGCTTTGGAAAACCCAGGGTACTGTAGCCCGGGTCCACATTGGTCAAGTCATCATGTCCATCCGCACC
AAGCTTCAGAACGAGGAGCATGTGATTGAAGCCTTGCGCAGGGCCAAGTTCAAGTTCCCTGGACGCCAGA
AGATTCATATCTCCAAGAAGTGGGGCTTACGAAGTTTAAATGCTGACGAATTTGAAGACATGGTGGCCAA
GAAGTGCCTCATCCCTGATGGTTGTGGAGTCAAGTACGTTCCAGTCATGGCCCCTTGGACAAGTGGCGG
GTTCTGCACTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG204751 representing NM_080746
 Red=Cloning site Green=Tags(s)

MGRRPARCYRYCKNKYPKSRFCRGVPAKIRIFDLGRKKAKVDEFPLGGHMVSDEYEQLSSEALEAARI
 CANKYMKVSCGRDGFHMRVRLHPFHVIRINKMLSCAGADRLQTGMRGAFGKPQGTVARVHIGQVIMSIRT
 KLQNEEHVIEALRRAKFKFPGRQKIHISSKKWGFTKFNADEFEDMVAKKCLIPDGGCVKYVPSHGPLDKWR
 VLHS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_080746

ORF Size: 642 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_080746.3](#)

RefSeq Size: 838 bp

RefSeq ORF: 645 bp

Locus ID: 140801

UniProt ID: [Q96L21](#)

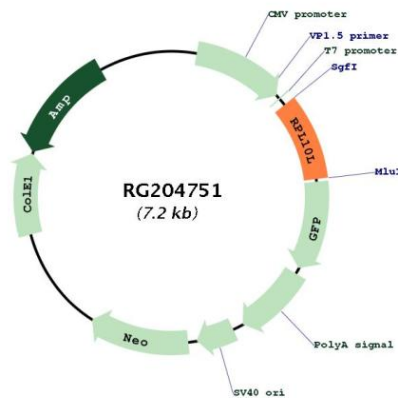
Cytogenetics: 14q21.2

Domains: Ribosomal_L10e

Protein Pathways: Ribosome

Gene Summary: This gene encodes a protein sharing sequence similarity with ribosomal protein L10. It is not currently known whether the encoded protein is a functional ribosomal protein or whether it has evolved a function that is independent of the ribosome. This gene is intronless. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG204751