

Product datasheet for **RG204644**

RRP15 (NM_016052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	RRP15
Synonyms:	CGI-115; KIAA0507
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG204644 representing NM_016052
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAATGGTAACTGGAGCCGTAGCGTCGGTGCTGGAAGACGAGGCCACAGACACTTCTGATAGTGAAG
GAAGCTGTGGATCGGAAAAGGACCACTTTTATTCTGATGATGACGCAATAGAAGCTGACAGTGAGGGTGA
TGCTGAGCCCTGTGACAAAGAAAATGAAAATGATGGAGAATCAAGTGTTGGGACTAATATGGGCTGGGCA
GATGCTATGGCTAAAGTCCTCAACAAGAAAACCTCTGAAAGTAAACCTACTATTCTGGTCAAAAATAAGA
AGCTGGAAAAGGAAAAAGAAAAGTTAAAGCAAGAAAGACTAGAGAAAAATAAACAGCGTGATAAGAGGCT
GGAGTGGGAAATGATGTGCAGAGTAAAGCCAGATGTTGTCCAAGACAAAGACAGAGAGAAATCTTCAG
AGAATTGCAACAAGGGGTGTGGTGCAATTATTTAATGCTGTTCAAGAACATCAAAGAATGTTGATGAAA
AGGTTAAGGAAGCTGGAAGTTCTATGAGAAAGCGTGCTAAGTTGATATCAACTGTTTCCAAGAAAGATT
CATCAGTGTTTTGAGAGGGATGGATGGAAGTACAAATGAGACTGCTTCAAGCAGGAAGAAACCAAAAGCC
AAACAGACTGAAGTGAATCAGAAGAAGGCCAGGTTGGACGATCTACGTGATGATTTTCATGATGGGAG
CATCTATGAAAGACTGGGACAAGGAAAGTGATGGGCCAGATGACAGCAGACCAGAATCTGCAAGTGACTC
TGATACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



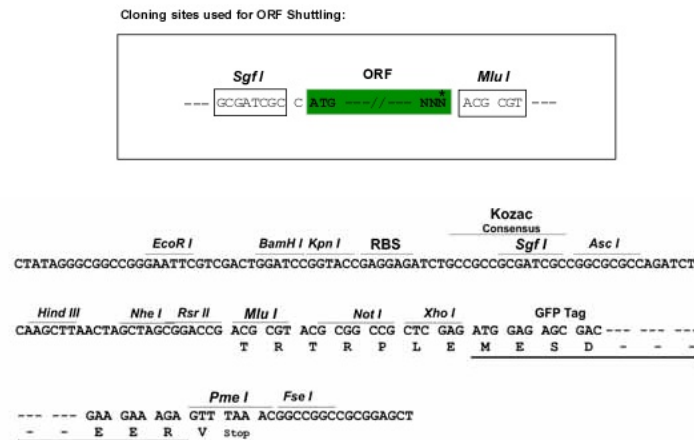
Protein Sequence: >RG204644 representing NM_016052
Red=Cloning site Green=Tags(s)

MKMVTGAVASVLEDEATDTSDEGSCGSEKDFYSDDDAIEADSEGDAEPCDKENENDGESSVGTNMGWA
DAMAKVLNKKTPESKPTILVKNKKLEKEKEKLKQERLEKIKQDRKRLWEMMCRVKPDVVQDKETERNLQ
RIATRGGVQLFNAVQKHQKNVDEKVEAGSSMRKRAKLISTVSKKDFISVLRGMDGSTNETASSRKKPKA
KQTEVKSEEGPGWTILRDDFMGASMKDWDKESDGPDDSRPESASDSDT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016052

ORF Size: 777 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_016052.2](#), [NP_057136.1](#)

RefSeq Size: 7782 bp

RefSeq ORF: 849 bp

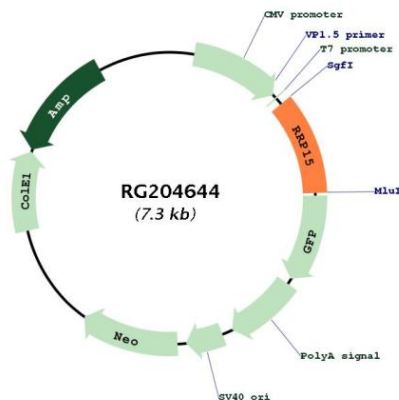
Locus ID: 51018

UniProt ID: [Q9Y3B9](#)

Cytogenetics: 1q41

Gene Summary: This gene encodes a protein that co-purifies with human nucleoli. A similar protein in budding yeast is a component of pre-60S ribosomal particles, and is required for the early maturation steps of the 60S subunit. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG204644