

Product datasheet for **MG204062**

Utp15 (BC034372) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Utp15 (BC034372) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Utp15
Synonyms:	AW544865
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204062 representing BC034372 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTAAAGGAGGACAGCTGCTTGTGTCTTTGAAAAATCATCACAAGACTGTGACATGTTTGTGTCTGA
 GCAGCTCTGGACAGAGGTTACTCTCCGGCTCACTGGATAGGAAAGTGAAAGTCTACAGCACCACTCCTA
 CAAAGTCGTCCATAGCTTTGACTACGCAGCTTCAATCTTGAGTCTGGCACTCTCTCATCAAGATGAGACG
 ATAGTTGTAGGAATGACCAACGGAATACTGAGTGTTAAACACCGGAAGTCTGAAGCAAAGAAGACGTCTC
 TTCGAGGAGGAGGAGGCTGCATATCGAACCTTTATTAAGGAAAAAATTACTTGAAGCAACGGGATGA
 CATCATGGTCAGTAGGCCAGCAAAGAAGCACCTAGAGGGGTATGACAAGGATCTGAAAAGCTTTCCGGTC
 TCACAGGCCCTCGACAGAGTCTCGAGCCATAATGTGTGATAAGGACCCCTGAGGTGACAGTTTCCATCA
 TAAAGGAGCTGACTCGGAGAGGCGTCTTGCCAACGCTCTTGAGGTGCGGACGAGAAGGAGGTTACCCG
 GGTCTTAACCTTTTGTAAAGGAATCTGTCTCAGCCGAGGTTGCCCCCTGTTTGTATTAATGCAGCTGAG
 ATCATCATCGATATATTTACCTGTGATTGGCCAGTCATCAGTAGTTGATAAAAAGTTTATAGTACTTC
 AAGAACTTGTAGAAAAAGAAATTGATTACCAAAGAAAACCTCTAGAGACCTTGGGGATGATGGACATGCT
 ATTTGCTACCATGACACGGAATGACAGCGACCTGTGCCGAGCATGTGCCCGCTGAACCTCCAGAGGAG
 AAGACAGAGTCACCAACGCAGCCAGCAGACACGGACAAGAATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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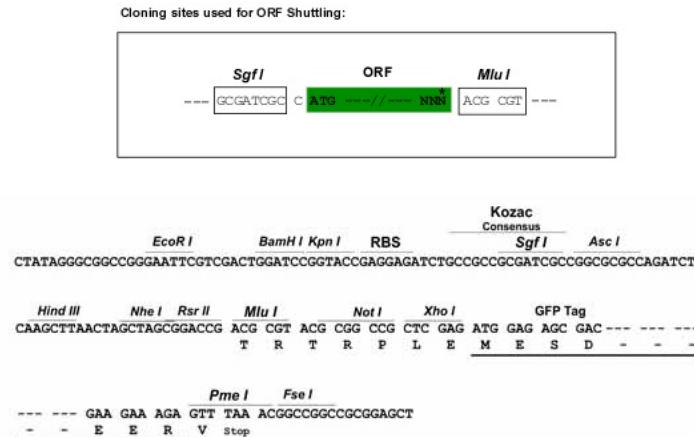
Protein Sequence: >MG204062 representing BC034372
 Red=Cloning site Green=Tags(s)

MLKGGQLLVSLKNHHKTVTCLCLSSSGQRLLSGSLDRKVKVYSTTSYKVVHSDYAASILSLALSHQDET
 IVVGMTNGILSVKHRKSEAKKTS�PRRRRPAYRTFIKGKNYLKQRDDIMVSRPAKKHLEGYDKDLKSFRV
 SQALDRVLEPKCVIRTPEVTVSIKELTRRGVLANALAGRDEKEVTRVLNFLIRNLSQPRFAPVLINAAE
 IIDIYLPVIGQSSVVDKKFIVLQELVEKEIDYQRKLLLETGLMMDMLFATMTRNDSDPVEHVPAPLPEE
 KTESPTQPSDSDKNS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC034372

ORF Size: 885 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: [BC034372](#), [AAH34372](#)

RefSeq Size: 2209 bp

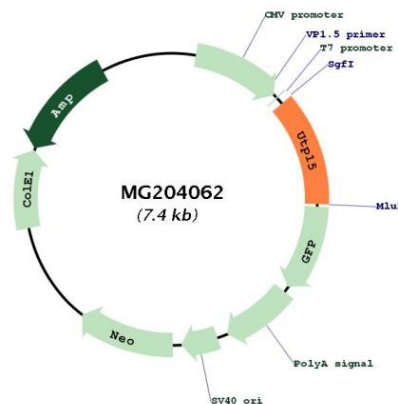
RefSeq ORF: 887 bp

Locus ID: 105372

Cytogenetics: 13 D1

Gene Summary: Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204062