

Product datasheet for **MR204062**

Utp15 (BC034372) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Utp15 (BC034372) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Utp15
Synonyms:	AW544865
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204062 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTAAAGGAGGACAGCTGCTTGTGTCTTTGAAAAATCATCACAAGACTGTGACATGTTTGTGTCTGA
 GCAGCTCTGGACAGAGGTTACTCTCCGGCTCACTGGATAGGAAAGTGAAAGTCTACAGCACCACTCCTA
 CAAAGTCGTCCATAGCTTTGACTACGCAGCTTCAATCTTGAGTCTGGCACTCTCTCATCAAGATGAGACG
 ATAGTTGTAGGAATGACCAACGGAATACTGAGTGTTAAACACCGGAAGTCTGAAGCAAAGAAGACGTCTC
 TTCGAGGAGGAGGAGGCTGCATATCGAACCTTTATTAAGGAAAAAATTACTTGAAGCAACGGGATGA
 CATCATGGTCAGTAGGCCAGCAAAGAAGCACCTAGAGGGGTATGACAAGGATCTGAAAAGCTTTCGGGTC
 TCACAGGCCCTCGACAGAGTCTCGAGCCATAATGTGTGATAAGGACCCCTGAGGTGACAGTTTCCATCA
 TAAAGGAGCTGACTCGGAGAGGCGTCTTGCCAACGCTCTTGAGGTGCGGACGAGAAGGAGGTTACCCG
 GGTCTTAACCTTTTGTAAAGGAATCTGTCTCAGCCGAGGTTGCCCCCTGTTTGTATATGCAGCTGAG
 ATCATCATCGATATATTTACCTGTGATTGGCCAGTCATCAGTAGTTGATAAAAGTTTATAGTACTTC
 AAGAACTTGTAGAAAAAGAAATTGATTACCAAAGAAAACCTCTAGAGACCTTGGGGATGATGGACATGCT
 ATTTGCTACCATGACACGGAATGACAGCGACCTGTGCCGAGCATGTGCCCGCTGAACCTCCAGAGGAG
 AAGACAGAGTCACCAACGCAGCCAGCGACACGGACAAGAACTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR204062 protein sequence
Red=Cloning site Green=Tags(s)

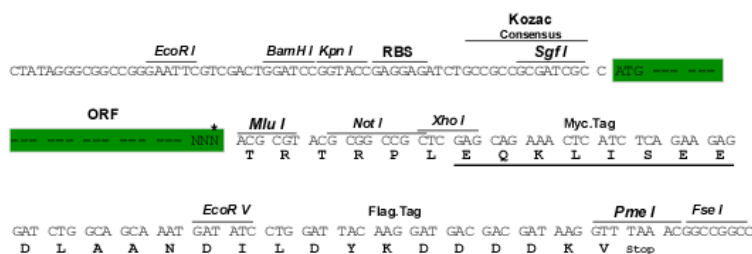
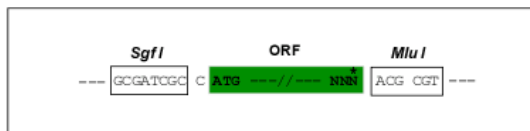
MLKGGQLLVSLKNHHKTVTCLCLSSSGQRLLSGSLDRKVKYVSTTSYKVVHSHFDYAAISILSLALSHQDET
IVVGMTNGILSVKHKRSEAKKTSLPRIIRRRPAYRTFIKGGNYLKQRDDIMVSRPAKKHLEGYDKDLKSFV
SQALDRVLEPKCVIRTEPVTVSIIKELTRRGVLANALAGRDEKEVTRVLNFIIRNLSQPRFAPVLINAAE
IIDIYLPVIGQSSVVDKKFIVLQELVEKEIDYQRKLLLETSGMMDMLFATMTRNDSDPVEHPVPAELPEE
KTESPTOPSDTKNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC034372

ORF Size: 885 bp

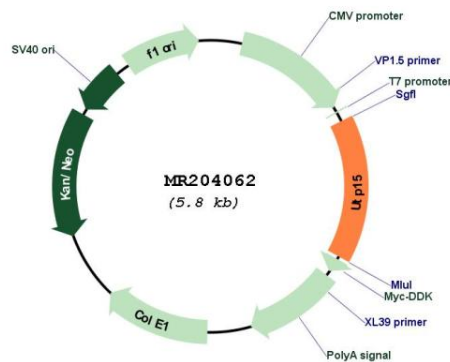
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>BC034372</u> , <u>AAH34372</u>
RefSeq Size:	2209 bp
RefSeq ORF:	887 bp
Locus ID:	105372
Cytogenetics:	13 D1
MW:	33.3 kDa
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 MR204062