

Product datasheet for **RC238119**

UBL7 (NM_001286741) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBL7 (NM_001286741) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: UBL7
Synonyms: BMSC-UbP; TCBA1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC238119 representing NM_001286741
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGACTATAACAAGAACTTATCTTGCTTTGCAAGATTCTCCGCCGTCAGAGTTTCTGATTTATTTT
CTGGGGTCCATGTATGCCAGGGAGAAAGAGAGAGCGCGAAAGAGAGAGGATGTCTCTCAGACTGGCA
CCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCCAAAGTCTATTCTTCGGTTGCCAGAGACAGA
GGAGAATACTCGCTAGGGGGCTATAGTATTTTCATTTCTGAAGCAGCTATTGCTGGCAAACCTCCAGGAGT
CTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCCGGAAGCTAAAAGATGACCAGACACTTGA
CTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAGTCTGGCCTGAACCTGATCAGAAA
CCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCCGGGTGTTGCACACTGCCCTGCACAGCAGCT
CCTCTTACAGGGAGGCGGTCTTTAAGATGCTCAGCAATAAGGAGTCTCTGGATCAGATCATTGTGGCCAC
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GATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCCCTCGTCAATGCCATTGCTCTGGTTCTGC
ACTCCGTAGCAGGCAGTGCCCAATGCCTGGGACTGACTCCTCTCCCGGAGCATGCCCTCCAGCATATA
CCGGGATATGCCAGGTGGCTTCCGTGTTGAAGGGCTCTCAGATGATGAGGATGACTTTCACCCAAACACC
AGGTCCACACCCTCTAGCAGTACTCCAGCTCCCGCCAGCCTCCCTGGGGTACAGTGGAGCTGCTGGGC
CCCGGCCATCACCCAGAGTGAGCTGGCCACCGCCTTGGCCCTGGCCAGCACTCCGGAGAGCAGCTCTCA
CACACCGACTCCTGGCACCCAGGGTCAATCCTCAGGGACCTACCAATGCTCTGGTGTCCAGTCAGGG
ACGCCATCACCAATGATCTCTCAGCCAAGCCCTACAGCATGCCCTCAGGCCTCTGGGACGCCAGCC
TTCAGAGCCAGTGGCAGCCCCAGCTGCAGCAGCTACGTGACATGGGCATCCAGGACGATGAGCTGAGCCT
GCGGGCCTGCAGGCCACCGTGGGACATCCAAGCAGCCCTGGAGCTCATCTTTGCTGGAGGAGCCCCA

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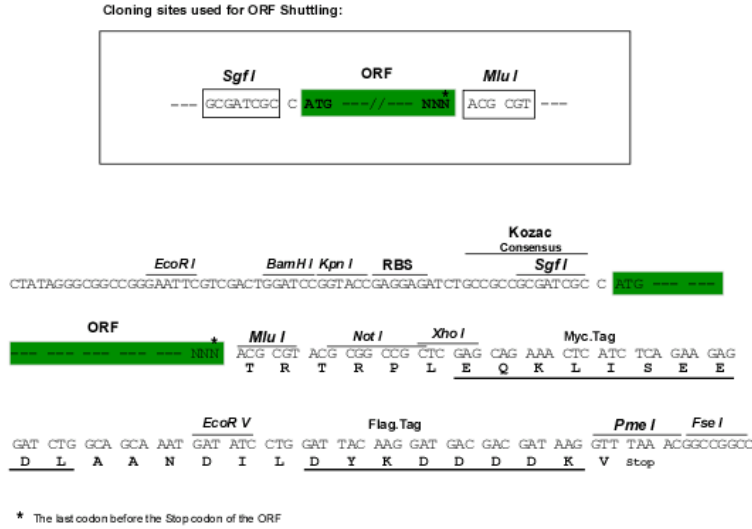
Protein Sequence: >RC238119 representing NM_001286741
Red=Cloning site Green=Tags(s)

MMTITRTYLALQDSSAVRVSDLFSGVPCMPGRKRERERMSLSDWHLAVKLADQPLTPKSILRLPETEL
 GEYSLGGYSISFLKQLIAGKLQESVPDPELIDL IYCGRKLKDDQTLDFYGIQPGSTVHVLKRSWPEPDQK
 PEPVDKVAAMREFRVLHTALHSSSSYREAVFKMLSNKESLDQIIIVATPGLSSDPIALGVLQDKDLFSVFA
 DPNMLDTLVPAHPALVNAIVLVLHVSAGSAPMGTDSSSRSMPPSSSYRDMPPGGFLFEGLSDEDDDFHPNT
 RSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALASTPESSHTPTPGTQGHSSGTSMPSSGVQSG
 TPITNDFSQALQHALQASGQPSLQSQWQPQLQQLRDMGIQDDELSLRALQATGGDIQAAL E L I F A G G A P

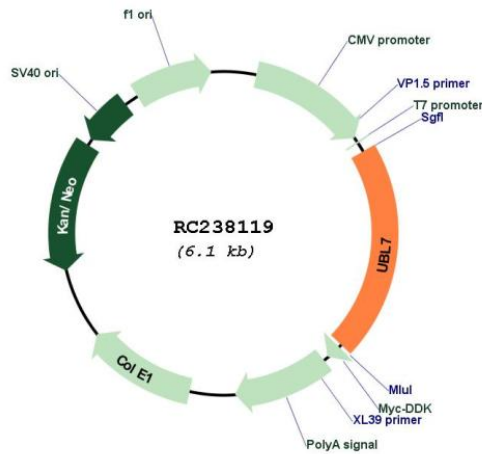
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286741

ORF Size:	1260 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:	<ol style="list-style-type: none">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_001286741.1 , NP_001273670.1
RefSeq Size:	1825 bp
RefSeq ORF:	1263 bp
Locus ID:	84993
UniProt ID:	Q96S82
Cytogenetics:	15q24.1
Protein Families:	Druggable Genome
MW:	45.6 kDa