

## Product datasheet for RC238120

### UBL7 (NM\_001286742) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBL7 (NM_001286742) 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:	>RC238120 representing NM_001286742 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGACTATAACAAGAACTTATCTTGCTTTGCAAGATTCTCCGCCGTCAGAGTTTCTGATTTATTTT  
CTGGGGTCCATGTATGCCAGGGAGAAAGAGAGAGCGCGAAAGAGAGAGGATGTCTCTCAGACTGGCA  
CCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCCAAAGTCTATTCTTCGGTTGCCAGAGACAGA  
GGAGAATACTCGCTAGGGGGCTATAGTATTTTCATTCTGAAGCAGCTATTGCTGGCAAACCTCCAGGAGT  
CTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCCGGAAGCTAAAAGATGACCAGACACTTGA  
CTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAGTCTGGCCTGAACCTGATCAGAAA  
CCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCGGGTGTTGCACACTGCCCTGCACAGCAGCT  
CCTTTACAGGGAGGCGGTCTTTAAGATGCTCAGCAATAAGGAGTCTCTGGATCAGATCATTGTGGCCAC  
CCCAGGCCTCAGCAGTGACCCTATTGCTCTTGGGGTCTCCAGGACAAGGACCTTCTCTGTCTTCGCT  
GATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCCCTCGTCAATGCCATTGCTCTGGTCTGC  
ACTCCGTAGCAGGCAGTGCCCAATGCCTGGGACTGACTCCTCTCCCGGAGCATGCCCTCCAGCATATA  
CCGGGATATGCCAGGTGGCTTCCCTGTTTGAAGGGCTCTCAGATGATGAGGATGACTTTCACCCAAACACC  
AGGTCCACACCCTCTAGCAGTACTCCAGCTCCCGCCAGCCTCCCTGGGGTACAGTGGAGCTGCTGGGC  
CCCGGCCATCACCCAGAGTGAGCTGGCCACCGCCTTGGCCCTGGCCAGCACTCCGGAGAGCAGCTCTCA  
CACACCGACTCCTGGCACCCAGGGTCAATCCTCAGGGACCTACCAATGCTCTGGTGTCCAGTCAGGG  
ACGCCATCACCAATGATCTCTCAGCCAAGCCCTACAGCATGCCCTCAGGCCTCTGGGACGCCAGCC  
TTCAGAGCCAGTGGCAGCCAGCTGCAGCAGCTACGTGACATGGGCATCCAGGACGATGAGCTGAGCCT  
GCGGGCCTGCAGGCCACCGTGGGACATCCAAGCAGCCCTGGAGCTCATCTTTGCTGGAGGAGCCCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC238120 representing NM\_001286742  
Red=Cloning site Green=Tags(s)

MMTITRTYLALQDSSAVRVSDLFSGVPCMPGRKRERERMSLSDWHLAVKLADQPLTPKSIILRLPETEL  
 GEYSLGGYSISFLKQLIAGKLQESVDPPELIDL IYCGRKLKDDQTLDFYGIQPGSTVHVLKRSWPEPDQK  
 PEPVDKVAAMREFRVLHTALHSSSSYREAVFKMLSNKESLDQIIIVATPGLSSDPIALGVLQDKDLFSVFA  
 DPNMLDTLVPAHPALVNAIVLVLHVSAGSAPMGTDSSSRSMPPSSSYRDMPPGGFLFEGLSDEDDDFHPNT  
 RSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALASTPESSHTPTPGTQGHSSGTSMPSSGVQSG  
 TPITNDFSQALQHALQASGQPSLQSQWQPQLQQLRDMGIQDDELSLRALQATGGDIQAAL E L I F A G G A P

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

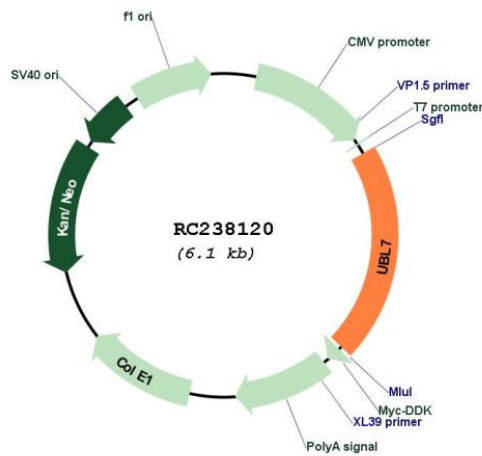
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001286742

<b>ORF Size:</b>	1260 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001286742.1</a> , <a href="#">NP_001273671.1</a>
<b>RefSeq Size:</b>	1567 bp
<b>RefSeq ORF:</b>	1263 bp
<b>Locus ID:</b>	84993
<b>UniProt ID:</b>	<a href="#">Q96S82</a>
<b>Cytogenetics:</b>	15q24.1
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	45.6 kDa