

## Product datasheet for **RG204907**

### UBL7 (NM\_032907) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBL7 (NM_032907) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UBL7
Synonyms:	BMSC-Ubp; TCBA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204907 representing NM_032907 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTCTCAGACTGGCACCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCCAAAGTCTATTCTTC  
GGTTGCCAGAGACAGAAGTGGGAGAATACTCGCTAGGGGGCTATAGTATTTTATTCTGAAGCAGCTTAT  
TGCTGGCAAACCTCAGGAGTCTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCGGAAGCTA  
AAAGATGACCAGACACTGACTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAGTCTCT  
GGCCTGAACCTGATCAGAAACCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCCGGGTGTTGCA  
CACTGCCCTGCACAGCAGCTCCTTTACAGGGAGGCGGTCTTTAAGATGCTCAGCAATAAGGAGTCTCTG  
GATCAGATCATTGTGGCCACCCAGGCCTCAGCAGTGACCCTATTGCTCTTGGGGTCTCCAGGACAAGG  
ACCTCTTCTGTCTTCGCTGATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCCCTCGTCAA  
TGCCATTGTCTGGTCTGCACTCCGTAGCAGGAGTCCCAATGCCTGGGACTGACTCCTTCCCCGG  
AGCATGCCCTCCAGTCTATACGGGATATGCCAGGTGGCTTCTGTTGAAGGGCTCTCAGATGATGAGG  
ATGACTTTCACCCAAACACCAGGTCCACACCCTTAGCAGTACTCCAGCTCCCGCCAGCCTCCCTGGG  
GTACAGTGGAGCTGCTGGGCCCCGGCCATCACCCAGAGTGAGCTGGCCACCGCCTTGGCCCTGGCCAGC  
ACTCCGGAGAGCAGCTCTCACACCCGACTCCTGGCACCCAGGGTATTCTCAGGGACCTCACCAATGT  
CCTCTGGTGTCCAGTCAAGGACGCCATCACCAATGATCTCTTACGCAAGCCCTACAGCATGCCCTTCA  
GGCCTCTGGGAGCCAGCCTTACAGAGCAGTGCCAGCCAGCTGCAGCAGCTACGTGACATGGGCATC  
CAGGACGATGAGCTGAGCCTGCGGGCCCTGCAGGCCACCGGTGGGGACATCCAAGCAGCCCTGGAGCTCA  
TCTTTGCTGGAGGAGCCCA

**ACGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204907 representing NM\_032907  
 Red=Cloning site Green=Tags(s)

```
MSLSDWHLAVKLADQPLTPKSILRLPETELGEYSLGGYSISFLKQLIAGKLQESVPDPELIDL IYCGRKL
KDDQTLDFYGIQPGSTVHVLRKSWPEPDQKPEPVDKVAAMREFRVLHTALHSSSSYREAVFKMLSNKESL
DQIIVATPGLSSDPIALGVLQDKDLFSVFADPNMLDTL VPAHPALVNAI VLVLHVSAGSAPMPGTDSSSR
SMPSSSYRDMPPGGFLFEGLSDEDDDFHPNTRSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALAS
TPESSSHTPTPGTQGHSSGTSPMSSGVQSGTPI TNDLFSQALQHALQASGQPSLQSQWQPQLQLRDMGI
QDDELSLRALQATGGDIQAALELIFAGGAP
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_032907

**ORF Size:** 1140 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.

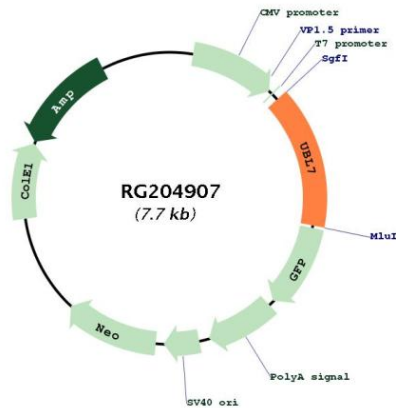
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**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.

**RefSeq:** [NM\\_032907.5](#)  
**RefSeq Size:** 1461 bp  
**RefSeq ORF:** 1143 bp  
**Locus ID:** 84993  
**UniProt ID:** [Q96S82](#)  
**Cytogenetics:** 15q24.1  
**Domains:** UBA, UBQ  
**Protein Families:** Druggable Genome

**Product images:**



Circular map for RG204907