

Product datasheet for **RG214894**

UBL7 (NM_201265) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBL7 (NM_201265) 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:	>RG214894 representing NM_201265 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCTCAGACTGGCACCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCCAAAGTCTATTCTTC
GGTTGCCAGAGACAGAAGTGGGAGAATACTCGCTAGGGGGCTATAGTATTTTCATTCTGAAGCAGCTTAT
TGCTGGCAAACCTCAGGAGTCTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCGGAAGCTA
AAAGATGACCAGACACTGACTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAGTCTCT
GGCCTGAACCTGATCAGAAACCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCCGGGTGTTGCA
CACTGCCCTGCACAGCAGCTCCTTTACAGGGAGGCGGTCTTTAAGATGCTCAGCAATAAGGAGTCTCTG
GATCAGATCATTGTGGCCACCCAGGCCTCAGCAGTGACCCTATTGCTCTTGGGGTCTCCAGGACAAGG
ACCTCTTCTGTCTTCGCTGATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCCCTCGTCAA
TGCCATTGTCTGGTCTGCACTCCGTAGCAGGCAGTGCCCAATGCCTGGGACTGACTCCTTCCCCGG
AGCATGCCCTCCAGTCTATACGGGATATGCCAGGTGGCTTCTGTTGAAGGGCTCTCAGATGATGAGG
ATGACTTTCACCCAAACACCAGGTCCACACCCTTAGCAGTACTCCAGCTCCCGCCAGCCTCCCTGGG
GTACAGTGGAGCTGCTGGGCCCCGGCCATCACCCAGAGTGAGCTGGCCACCGCCTTGGCCCTGGCCAGC
ACTCCGGAGAGCAGCTCTCACACCCGACTCCTGGCACCCAGGGTATTCTCAGGGACCTCACCAATGT
CCTCTGGTGTCCAGTCAAGGACGCCATCACCAATGATCTCTTACGCCAAGCCCTACAGCATGCCCTTCA
GGCCTCTGGGAGCCAGCCTTACAGAGCCAGTGCCAGCCAGCTGCAGCAGCTACGTGACATGGGCATC
CAGGACGATGAGCTGAGCCTGCGGGCCCTGCAGGCCACCGGTGGGGACATCCAAGCAGCCCTGGAGCTCA
TCTTTGCTGGAGGAGCCCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG214894 representing NM_201265
 Red=Cloning site Green=Tags(s)

MSLSDWHLAVKLADQPLTPKSILRLPETELGEYSLGGYISFLKQLIAGKLQESVPDPELIDL IYCGRKL
 KDDQTLDFYGIQPGSTVHVLKRSWPEPDQKPEPVDKVAAMREFRVLHTALHSSSSYREAVFKMLSNKESL
 DQIIVATPGLSSDPIALGVLQDKDLFSVFADPNMLDTL VPAHPALVNAI VLVLHVSAGSAMPMPGTDSSSR
 SMPSSSYRDMPPGGFLFEGLSDEDDDFHPNTRSTPSSSTPSSRPASLGYSGAAGPRPITQSELATALALAS
 TPESSSHPTPTGTQGHSSGTSPMSSGVQSGTPTITNDLFSQALQHALQASGQPSLQSQWQPQLQLRDMGI
 QDDELSLRALQATGGDIQAALELIFAGGAP

TRTRPLE - GFP Tag - V

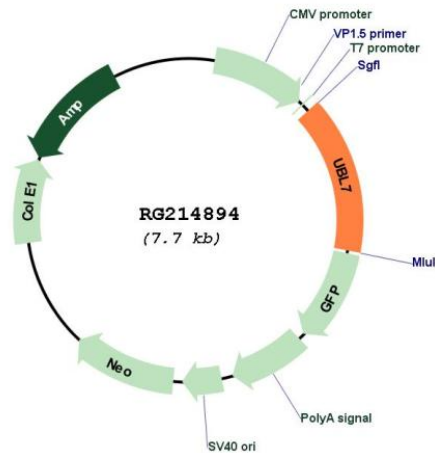
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_201265

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:	<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_201265.1 , NP_957717.1
RefSeq Size:	1409 bp
RefSeq ORF:	1143 bp
Locus ID:	84993
UniProt ID:	Q96S82
Cytogenetics:	15q24.1
Protein Families:	Druggable Genome