

Product datasheet for **RG237858**

UBL7 (NM_001286739) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBL7 (NM_001286739) 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:	>RG237858 representing NM_001286739. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGTCTCTCTCAGACTGGCACCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCCAAAGCTATTCTT
CGGTTGCCAGAGACAGAAGTGGGAGAATACTCGCTAGGGGGCTATAGTATTTTCTTTCTGAAGCAGCTT
ATTGCTGGCAAACCTCCAGGAGTCTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCGGAAG
CTAAAAGATGACCAGACACTTGACTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAG
TCCTGGCCTGAACCTGATCAGAAACCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCGGGGT
TTGCACACTGCCCTGCACAGCAGCTCCTTTACAGGGAGGCGGTCTTTAAGATGCTCAGCAATAAGGAG
TCTCTGGATCAGATCATTGTGGCCACCCAGGCCCTCAGCAGTGACCCTATTGCTCTTGGGGTTCTCCAG
GACAAGGACCTCTTCTCTGTCTTCGCTGATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCC
CTCGTCAATGCCATTGTCTGCTTCTGCACTCCGTAGCAGGCAGTGCCCAATGCCTGGGACTGACTCC
TCTTCCCGGAGCATGCCCTCCAGCTCATACCGGATATGCCAGGTGGCTTCTGTTTGAAGGGCTCTCA
GATGATGAGGATGACTTTACCCAAACACCAGGTCCACACCCTTAGCAGTACTCCAGCTCCCGCCCA
GCCTCCCTGGGGTACAGTGGAGCTGCTGGGCCCGGCCATCACCCAGAGTGAGCTGGCCACCCGCTTG
GCCCTGGCCAGCACTCCGGAGAGCAGCTCTCACACCCGACTCCTGGCACCCAGGGTCATTCCTCAGGG
ACCTACCAATGTCCTCTGGTGTCCAGTCAGGGACGCCCATACCAATGATCTCTTACGCCAAGCCCTA
CAGCATGCCCTTACGGCCTCTGGCAGCCAGCCTTACAGAGCCAGTGGCAGCCCACTGCAGCAGCTA
CGTGACATGGGCATCCAGGACGATGAGCTGAGCCTGCGGGCCCTGCAGGCCACCGGTGGGGACATCCAA
GCAGCCCTGGAGCTCATCTTTGCTGGAGGAGCCCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237858
 Blue=ORF Red=Cloning site Green=Tag(s)

MSLSDWHLAVKLADQPLTPKSILRLPETELGEYSLGGYISFLKQLIAGKLQESVDPPELIDLIYCGRK
 LKDDQTLDFYGIQPGSTVHVLKRSWPEPDQKPEPVDKVAAMREFRVLHTALHSSSSYREAVFKMLSNKE
 SLDQIIIVATPGLSSDPIALGVLQDKDLFSVFADPNMLDTLVAHPALVNAIVLVLHSVAGSAPMPGTDSS
 SSRMPSSSYRDMPGGFLFEGLSDEDDFHPNTRSTPSSSTPSSRPASLGYSGAAGPRPITQSELATAL
 ALASTPESSHTPTPGTQGHSSGTPMSSSGVQSGTPTITNDFSQLQHALQASGQPSLQSQWQPQLQQL
 RDMGIQDDELSLRALQATGGDIQAALIFAGGAP
 TRTRPLEMESDEGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286739

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](#)

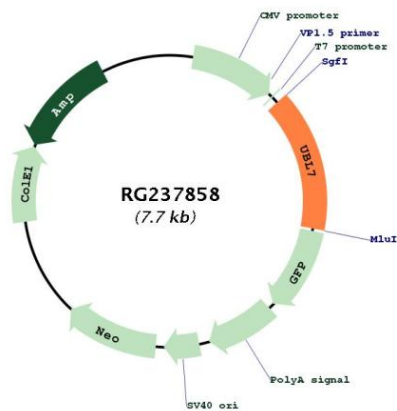
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001286739.1](#), [NP_001273668.1](#)

RefSeq Size: 1470 bp

RefSeq ORF: 1143 bp
 Locus ID: 84993
 UniProt ID: [Q96S82](#)
 Cytogenetics: 15q24.1
 Protein Families: Druggable Genome
 MW: 40.5 kDa

Product images:


Circular map for RG237858