

Product datasheet for **RG238120**

UBL7 (NM_001286742) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBL7 (NM_001286742) 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:	>RG238120 representing NM_001286742. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGATGACTATAACAAGAACTTATCTTGCTTTGCAAGATTCTTCCGCCGTGAGAGTTTCTGATTTATTT
TCTGGGGTTCCATGTATGCCAGGGAGAAAGAGAGAGCGCGAAAGAGAGAGGATGTCTCTCAGACTGG
CACCTGGCGGTGAAGCTGGCTGACCAGCCACTTACTCAAAGTCTATTCTTCGGTTGCCAGAGACAGAA
CTGGGAGAATACTCGCTAGGGGGCTATAGTATTTCAATTTCTGAAGCAGCTTATTGCTGGCAAACCTCCAG
GAGTCTGTTCCAGACCCTGAGCTGATTGATCTGATCTACTGTGGTCGGAAGCTAAAAGATGACCAGACA
CTTGACTTCTATGGCATTCAACCTGGGTCCACTGTCCATGTTCTGCGAAAGTCTGGCCTGAACCTGAT
CAGAAACCGGAACCTGTGGACAAAGTGGCTGCCATGAGAGAGTTCGGGTGTTGCACACTGCCCTGCAC
AGCAGCTCCTCTTACAGGGAGGGCTCTTAAAGATGCTCAGCAATAAGGAGTCTCTGGATCAGATCATT
GTGGCCACCCAGGCCTCAGCAGTGACCCTATTGCTCTTGGGGTTCTCCAGGACAAGGACCTCTTCTCT
GTCTTCGCTGATCCCAATATGCTTGATACGTTGGTGCCTGCTCACCCAGCCCTCGTCAATGCCATTGTC
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TCCAGCTCATACCGGATATGCCAGGTGGCTTCTGTTTGAAGGGCTCTCAGATGATGAGGATGACTTT
CACCCAAACACAGGTCCACACCCTTAGCAGTACTCCAGCTCCCGCCAGCCTCCCTGGGGTACAGT
GGAGCTGCTGGGCCCGGCCATCACCCAGAGTGAGCTGGCCACCGCCTTGGCCCTGGCCAGCAGCTCCG
GAGAGCAGCTCTCACACCCGACTCCTGGCACCCAGGGTCAATCCTCAGGGACCTACCAATGTCCTCT
GGTGTCCAGTCAGGGACGCCATCACCAATGATCTCTTACGCCAAGCCCTACAGCATGCCCTTACAGGCC
TCTGGGCAGCCAGCCTTACAGAGCCAGTGGCAGCCCGCTGCAGCAGCTACGTGACATGGGCATCCAG
GACGATGAGCTGAGCCTGCGGGCCCTGCAGGCCACCGTGGGGACATCCAAGCAGCCCTGGAGCTCATC
TTTCTGGAGGAGCCCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238120
 Blue=ORF Red=Cloning site Green=Tag(s)

MMTITRTRYLALQDSSAVRVSDLFSGVPCMPGRKRERERMSLSDWHLAVKLADQPLTPKSI LR L PETE
 LGEYSLGGYSISFLKQLIAGKLQESVPDPELIDLIYCGRKLKDDQTLDFYGIQPGSTVHVLKSWPEPD
 QKPEPVDKVAAMREFRVLHTALHSSSYREAVFKMLSNKESLDQIIVATPGLSSDPALGVLQDKDLFS
 VFADPNMLDTLVAHPALVNAIVLVLHVSAGSAMPPTDSSSRMPSSSYRDMPPGGFLFEGLSDDDEDF
 HPNTRSTPSSSTPSRPA SLGYSGAAGPRPITQSELAT ALALASTPESSHTPTPGTQGHSSGTPMSS
 GVQSGTPTITNDFSQALQH ALQASGQPSLQSQWQPQLQQLRDMGIQDDELSLRALQATGGDIQA ALELI
 FAGGAP
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286742

ORF Size: 1260 bp

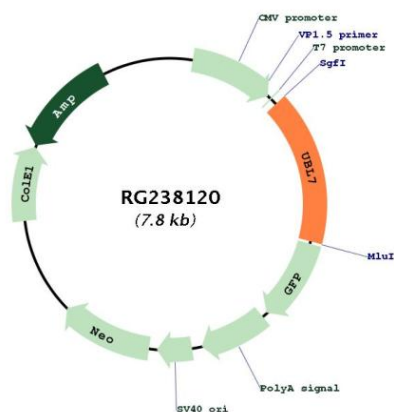
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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).

RefSeq: [NM_001286742.1](#), [NP_001273671.1](#)

RefSeq Size: 1567 bp
 RefSeq ORF: 1263 bp
 Locus ID: 84993
 UniProt ID: [Q96S82](#)
 Cytogenetics: 15q24.1
 Protein Families: Druggable Genome
 MW: 45.6 kDa

Product images:


Circular map for RG238120