

## Product datasheet for **SC325538**

### UBE2QL1 (NM\_001145161) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2QL1 (NM_001145161) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2QL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325538 representing NM_001145161. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**  
 ATGAAGGAGCTGCAGGACATCGCGCGCCTTAGCGACCGCTTCATCTCCGTGGAGCTGGTGGACGAGAGC  
 CTGTTCTGACTGGAACGTGAAGCTGCACCGAGTGGACAAGGACTCGGTGCTGTGGCAGGACATGAAGGAG  
 ACCAACACCGAGTTCATCTGCTCAACCTCACCTTCCCGACAATTCCCTTCTCGCCGCCCTTCATG  
 CGGGTGCTCAGCCCGCGCCTGGAGAACGGCTACGTGCTGGACGGCGGCCCATCTGCATGGAGCTGCTC  
 ACGCCGCGCGGCTGGTCCAGCGCTACACCGTGGAGGCCGTATGCGCCAGTTCGCAGCCAGCCTGGTC  
 AAGGGCCAGGACGGATCTGTAGAAAAGCTGGCAAATCAAAAAAGTCCTTCAGTCGAAGGAAGCTGAA  
 GCTACCTTTAAGAGTTTGGTGAAGACGCATGAAAAATATGGTTGGGTACCCCGCCCGTGTCCGACGGC  
 TGA  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001145161
Insert Size:	486 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).


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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<u><a href="#">NM_001145161.2</a></u>
<b>RefSeq Size:</b>	6129 bp
<b>RefSeq ORF:</b>	486 bp
<b>Locus ID:</b>	134111
<b>UniProt ID:</b>	<u><a href="#">A1L167</a></u>
<b>Cytogenetics:</b>	5p15.31
<b>MW:</b>	18.3 kDa
<b>Gene Summary:</b>	Probable E2 ubiquitin-protein ligase that catalyzes the covalent attachment of ubiquitin to target proteins. May facilitate the monoubiquitination and degradation of MTOR and CCNE1 through interaction with FBXW7.[UniProtKB/Swiss-Prot Function]