

Product datasheet for **SC335466**

UBE2Q2 (NM_001284382) Human Untagged Clone

Product data:

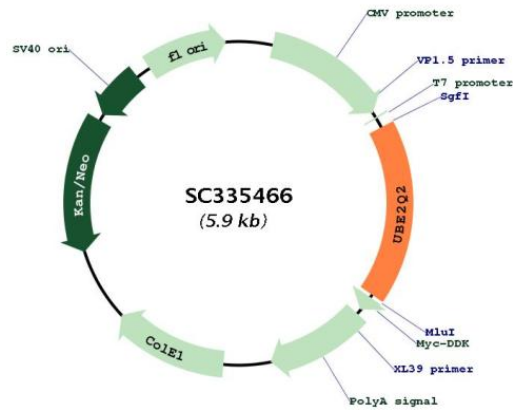
Product Type:	Expression Plasmids
Product Name:	UBE2Q2 (NM_001284382) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2Q2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335466 representing NM_001284382. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTCCGTGTCAGGGCTCAAGGCCGAGCTGAAGTTCCTGGCGTCCATCTTCGACAAGAACCACGAGCGA
TTCCGCATCGTCAGTTGGAAGCTGGACGAGCTGCACTGCCAGTTCCTGGTGCCGCAGCAGGGCAGCCCCG
CACTCGTGCAGCCGCACTCACGCTCCACTGCAACATCACGGAATCCTATCCATCTTCTCACCGATA
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ATTGTACAGATACATGAGAAAAATGGCTGGTACACCCCTCAAAGGAAGATGGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001284382

Insert Size: 1023 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).

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_001284382.1](#)

RefSeq Size: 2999 bp

RefSeq ORF: 1023 bp

Locus ID: 92912

UniProt ID: [Q8WVN8](#)

Cytogenetics:	15q24.2
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	38.7 kDa
Gene Summary:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.