

Product datasheet for SC333647

UBE2D3 (NM_001300795) Human Untagged Clone

Product data:

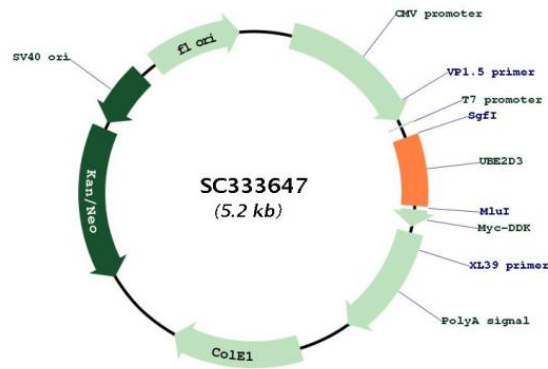
Product Type:	Expression Plasmids
Product Name:	UBE2D3 (NM_001300795) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2D3
Synonyms:	E2(17)KB3; UBC4/5; UBCH5C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333647 representing NM_001300795. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTTCATTGGCAAGCCACAATTATGGGACCTAATGACAGCCCATCAAGGGGTGATTCTTTTTG
ACAATTCATTTTCCTACAGACTACCCCTCAAACCACCTAAGGTTGCATTTACAACAAGAATTTATCAT
CCAAATATTAACAGTAATGGCAGCATTTGTCTCGATATTCTAAGATCACAGTGGTCGCCTGCTTTAACA
ATTTCTAAAGTTCTTTTATCCATTTGTTCACTGCTATGTGATCCAACCAGATGACCCCTAGTGCCA
GAGATTGCACGGATCTATAAACAGACAGAGATAAGTACAACAGAATATCTCGGGATGGACTCAGAAG
TATGCCATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001300795

Insert Size: 357 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_001300795.1](#)

RefSeq Size: 3669 bp

RefSeq ORF: 357 bp

Locus ID: 7323

Cytogenetics: 4q24

Protein Pathways: Ubiquitin mediated proteolysis

MW: 13.6 kDa

Gene Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. [provided by RefSeq, Jan 2017]

Transcript Variant: This variant (10) differs in its 5' UTR and uses a downstream start codon, compared to variant 1. The encoded isoform (4) has a shorter N-terminus, compared to isoform 1.