

Product datasheet for SC329663

UBE2E1 (NM_001202476) Human Untagged Clone

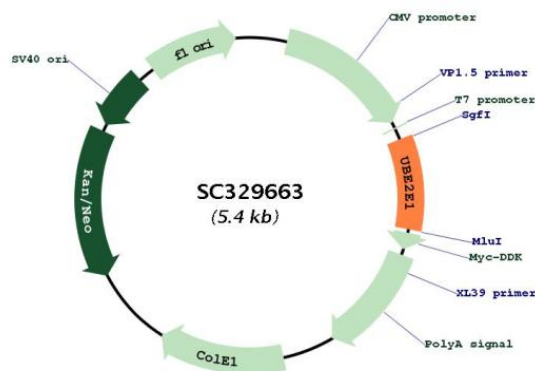
Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2E1 (NM_001202476) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2E1
Synonyms:	UBCH6
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329663 representing NM_001202476. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGGAAGTGGGCAGACCCCGGGAAGTTAGAGGACGCCCGGGAAAAGCAGAATTCAGAAGGAGCTG
GCGGACATCACTTTAGACCCTCCACCTAATTGCAGTGCTGGTCCCAAAGGCGATAACATCTATGAATGG
AGATCAACCATTCTAGGGCCTCCAGGATCCGTGTATGAGGGTGGTGTATTCTTTCTCGATATCACTTTT
ACACCAGAATATCCCTTCAAGCCTCCAAAGGTTACATTTCCGACAAGAATCTATCATTGTAATATTAAC
AGTCAAGGTGTTATTTGCTTGGACATATTGAAAGATAATTGGAGTCCAGCACTAACCATTCTAAAGTC
CTCCTTTCTATCTGCTCACTTCTTACAGACTGTAATCCTGCCACCCCTTGGTGGGAAGTATTGCCACT
CAGTATATGACCAACAGAGCAGAACATGACAGAATGGCCAGACAGTGGACCAAGAGATACGCTACATAA
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Restriction Sites: SgfI-MluI

Plasmid Map:



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ACCN:	NM_001202476
Insert Size:	483 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:	<ol style="list-style-type: none">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_001202476.1
RefSeq Size:	1550 bp
RefSeq ORF:	483 bp
Locus ID:	7324
UniProt ID:	P51965
Cytogenetics:	3p24.2
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	18 kDa
Gene Summary:	<p>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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (3) lacks two exons from the 5' end and has an alternate 5' exon, as compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>