

Product datasheet for SC329665

UBE2H (NM_001202498) Human Untagged Clone

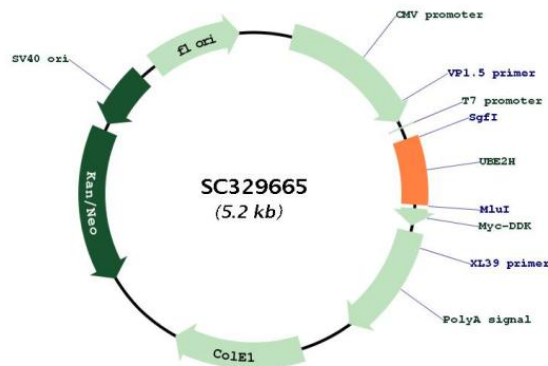
Product data:

Product Type: Expression Plasmids
 Product Name: UBE2H (NM_001202498) Human Untagged Clone
 Tag: Tag Free
 Symbol: UBE2H
 Synonyms: E2-20K; GID3; UBC8; UBCH; UBCH2
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC329665 representing NM_001202498.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAATAAAATTTCCATCCCAACATTGATGAAGCGTCAGGAAGTGTGTCTAGATGTAATTAATCAA
 ACTTGGACAGCTCTATGATCTTACCAATATATTTGAGTCCTTCTGCCTCAGTTATTGGCCTATCCT
 AACCCCATAGATCCTCTCAATGGTGACGCTGCAGCCATGTACCTCCACCGACCAGAAGAATACAAGCAG
 AAAATTAAGAGTACATCCAGAAATACGCCACGGAGGAGGCGCTGAAAGAACAGGAAGAGGGTACCGGG
 GACAGCTCATCGGAGAGCTCTATGTCTGACTTTCCGAAGATGAGGCCCAGGATATGGAGTTAG

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001202498

Insert Size: 342 bp



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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_001202498.1
RefSeq Size:	4778 bp
RefSeq ORF:	342 bp
Locus ID:	7328
UniProt ID:	P62256
Cytogenetics:	7q32.2
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	12.9 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. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Three alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms. [provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (3) has an alternate splice site in the 5' region, resulting in a downstream AUG start codon, as compared to variant 1. The resulting isoform (3) has a shorter 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>