

Product datasheet for **SC112327**

UBE2Z (NM_023079) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2Z (NM_023079) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2Z
Synonyms:	HOYS7; USE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_023079, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGAGAGTCCGACTGAGGAGGCGGCAACGGCGGGCGCCGGGGCGGGGCCCGGGCGAGCAGCG  
TTGCTGGTGTGTTGGCGTTAGCGGCAGCGGGCGGGTTCGGGCCGCTTTCTGCCGGATGTGTGGC  
GGCGGGCGGCGCAGCGGGCGGGGCCGGGGGCCGGGGAGCGGCCTGGCTCCGCTGCCCGGCTCCCGCC  
TCAGCCGCTGCCACGGGGCCGCTGCTTAGCCACTGGGACCCACGCTCAGCTCCGACTGGGACGGCG  
AGCGCACCGCGCCGAGTGTCTACTCCGGATCAAGCGGGATATCATGTCCATTTATAAGGAGCCTCCTCC  
AGGAATGTTTCGTTGTACCTGATACTGTTGACATGACTAAGATTCATGCATTGATCACAGGCCATTTGAC  
ACTCCTTATGAAGGGGTTTCTTCTGTTTCGTTTCGGTGTCCGCCGACTATCCCATCCACCCACCTC  
GGGTCAAAGTATGACAACGGGCAATAACACAGTGAGGTTTAACCCCACTTCTACCGCAATGGGAAAGT  
CTGCTTGAGTATTCTAGGTACATGGACTGGACCTGCCTGGAGCCAGCCAGAGCATCTCCTCAGTGCTC  
ATCTCTATCCAGTCCCTGATGACTGAGAACCCTATCACAATGAGCCCGCTTTGAACAGGAGAGACATC  
CAGGAGACAGCAAAAATAAATGAATGTATCCGGCACGAGACCATCAGAGTTGCAGTCTGTGACATGAT  
GGAAGGAAAGTGTCCCTGTCTGAACCCCTACGAGGGGTGATGGAGAAGTCTTTCTGGAGTATTACGAC  
TTCTACGAGGTGGCCTGCAAAGATCGCCTGCACCTCAAGGCCAAACTATGCAGGACCTTTTGGAGAGA  
AGCGGGGCCACTTTGACTACCACTCCCTTTGATGCGCCTGGGACTGATACGTCAGAAAGTGTCTGGAGAG  
GCTCCATAATGAGAATGCAGAAATGGACTCTGATAGCAGTTCATCTGGGACAGAGACAGACCTTCATGGG  
AGCCTGAGGGTTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_023079 unedited</p> <pre> TTTTCAGGATTATGTNATACGACTCACTATTAGGGCGGCCGCGATTTCGGCACGAGGCGGTG GTGCGGGAGCGGGCGGGAGCAGCGGGCCGCTCTGGTCGGCGGACGTGCTGCCGAGTAGTCC CGGAAGCGAAGCAGCGATGGCGGAGAGTCCGACTGAGGAGGCGGCAACGGCGGGCGCCGG GGCGGGCGGGCCCCGGGGCGAGCAGCGTTGCTGGTGTGTTGGCGTTAGCGGCAGCGGGCGG CGGGTTTCGGGCCCGCTTTCCTGCCGATGTGTGGCGGGCGGGCGGCAGCGGGCGGGGC CGGGGGCCCGGGAGCGGCCTGGCTCCGCTCCCGGGCTCCCGCCCTCAGCCGCTGCCCA CGGGGCCGCGCTCTTAGCCACTGGGACCCACGCTCAGCTCCGACTGGGACGGCGAGCG CACCGCGCCGAGTGTCTACTCCGGATCAAGCGGGATATCATGTCCATTATAAGGAGCC TCCTCCAGGAATGTTCTGTGACTGACTGTTGACATGACTAAGATTCATGCATTGAT CACAGGCCATTTGACTCCTTATGAAGGGGTTTTCTTCTGTTCTGTTTCGGTGTC GCCCGACTATCCCATCCACCACCTCGGGTCAAAGTATGACCACGGGCANTAACACAGT GAGGTTTAAACCCAACTTCTACCGNATGGGAAAGTCTGCTTGAGTATTCTAGGTACATG GACTGGACCTGCCTGGAGCCAGNCCAGAGCATTCTCAGTGCTCATCTCTATCCAGT CCTGATGACTGAGAACCCCTTATACAATGAGCCCGGCTTTGAACAAGTACAGACATCC CAGCAGACAGCCAAAATAAATGAATGTATCCCGCACGAGACCATTAAATTGCAGTCTG TGAATGATGGAAGCAAGGGGCTTGTCCCTCGACCCTACAGGGGTGC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_023079 unedited</p> <pre> GTACCCGGCCGCAATCTAAAGTCGGCCCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTCCCTTCGGCCAAAACAACTTTTTTGGCCAAAAGGGAAACCAAAAA AACCAAAAACCTTCTTTATATACAGCCAAATATAAAAACATCTTTTACTCCGGGGC ATATATTTCTCAACTCAAAATTAGGGCATAAAAGTCAGGCTGCTATGCCAAACATGCTC TGCCCTATGGCAGGGCCAAGGAAAGGATTGCCACTTGAAAGGGGGAACACTTAAAGGGAT GACAAACAACATTGGCCCAAAAACCAAACTTTCTTCAAACCCCTGGAAGTCCCGAG GAATGGAAAAGGGAAATGGGAACCAGGGCCCTTTTCAATCTTATGGGAAAAAACCCCC CCCTCCTAAGGGTTCACAAATAAACTCCCCCCCCCTCCCCACCAATACCGGAACAAC CCCTTCGTAACATGCACTTTTCAAATAGCACCTCCTCGCTTTGCCCTAATCTCCTCTCC CTCCACTATTACATCCGTGACACTTCCCATTCTCCTCTGCTACTCCTCACCTACTCCCGC TTCTTCCCCCACCCTCCCTACCCTCTCCCCGCCCTTGCCCTTCTTACCATCAGCC ACCTCTTATTGCTCCCTCTCCACACCCCAACATCATTTAACACCCCACTCAATCCTTTT CACCCACCACTTTCAGCCATTTTACATCCACCCCTCCCACTCTTACTCTCTCC TCCCCCACCTCACCTCTCTTCTCCCTCCACACCGCTCACCCCACTTACCACCTT CATCACTTTACCACTCCGACTCCTTACTTCTTCTTCCATCACTATCTATATCTACAATT CACCATTCCCATTATAATAACCCTCTACACTCTCACACAGCCCTCACCTCAACATCACC CTGAATTTGATGTGCACTCACATCCCTCCGTTTCGCTTATCCCGACACCCCACTCTTCCA CCTTACTACCTCTCGCATCACATTCT </pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_023079
Insert Size:	3220 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_023079.2 , NP_075567.1
RefSeq Size:	3137 bp
RefSeq ORF:	741 bp
Locus ID:	65264
UniProt ID:	Q9H832
Cytogenetics:	17q21.32
Domains:	UBCc
Protein Pathways:	Acute myeloid leukemia, Pathways in cancer, Ubiquitin mediated proteolysis
Gene Summary:	This gene encodes an enzyme which ubiquitinates proteins which participate in signaling pathways and apoptosis. [provided by RefSeq, Feb 2012]