

Product datasheet for **SC123788**

UBE2B (BC001694) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBE2B (BC001694) Human Untagged Clone
Tag: Tag Free
Symbol: UBE2B
Synonyms: E2-17kDa; HHR6B; HR6B; RAD6B; UBC2
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC001694 edited
GGCACGAGGGGAGTCGGGAGAGGGGTTCCGCCAACACGGCTCCTCGGAGAAGACGGCGG
GGCCGTGAAACAAAGCTGACTGGTGTCTGCCGAGAGGAACAAGCTCCCGCAGGAGCTCAC
TTTGAGGGGACAAGAAGGGGGCGCCGAGGGTGCAGGGGCGGGCGGATAATGTCTGATCG
CCTGGGCGAGACGCCGGGAGCTGGCCGAAATGGGCAGCAGGGAACCCTAGACCAGTCGA
TCGACACCGTTTTACTTTTTGTGGGAGGGGAAGCAGTATCAAAATTTCTTCGGGCGCCA
GAACGAGCGGCAAAGCTTATGGGAGTAGGGCCGAGGCTAGGACCCGGCTCCGCCAGTCC
CGCTGGGCCCACAGCCGGCCCTCTGAGGGTCACAAAGGGGAAGGTGTCTGGGATCCACGC
CCTGCAGCCCCGAGCTTTGAGGGGCCGTCTAGGCGAAGGTGAAGGCCCTTACCCTG
TAAATCCCGCATGAGCCTCCTCCGGGCCGGGTGCACATGCTCCGCAGCTGCCCGCGG
TCAGTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC001694 unedited
GCACGAGGGGAGTCGGGAGAGGGGTTCCGCCAACACGGCTCCTCGGAGAAGACGGCGG
GCCGTGAAACAAAGCTGACTGGTGTCTGCCGAGAGGAACAAGCTCCCGCAGGAGCTCACT
TTGAGGGGACAAGAAGGGGGCGCCGAGGGTGCAGGGGCGGGCGGATAATGTCTGATCG
CTGGGCGAGACGCCGGGAGCTGGCCGAAATGGGCAGCAGGGAACCCTAGACCAGTCGAT
CGACACCGTTTTACTTTTTGTGGGAGGGGAAGCAGTATCAAAATTTCTTCGGGCGCCAG
AACGAGCGGCAAAGCTTATGGGAGTAGGGCCGAGGCTAGGACCCGGCTCCGCCAGTCCC
GCTGGGCCACAGCCGGCCCTCTGAGGGTCACAAAGGGGAAGGTGTCTGGGATCCACGCC
CTGCAGCCCCGAGCTTTGAGGGGCCGTCTAGGCGAAGGTGAAGGCCCTTACCCTG
GAAATCCCGCATGAGCCTCCTCCGGGCCGGGTGCACATGCTCCGCAGCTGCCCGCGGT
CAGTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: BC001694



[View online »](#)

Insert Size:	574 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:	BC001694.1 , AAH01694.1
RefSeq Size:	574 bp
Locus ID:	7320
Cytogenetics:	5q31.1
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis
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 is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq, Jul 2008]