

Product datasheet for SC319701

UBE2E2 (NM_152653) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBE2E2 (NM_152653) Human Untagged Clone
Tag: Tag Free
Symbol: UBE2E2
Synonyms: UBCH8
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152653.1
GCGTGGGTCCGGCTTTCGGTGACTAGACGGTCCGCAGGGGACATCCCGTCCCTGGGGCCT
CCCCAGTCTCCCTCCCCCTCGCGCTGGGCAGCTCTCTCCAGGGCTTCGGCTCGAGCCT
GGGACCTGCACGGACACCCCCCTCAGGATCTAAAATGTCCACTGAGGCACAAAGATT
GATGACAGTCCAAGCACTAGTGGAGGAAGTTCGGATGGAGATCAACGTGAAAGTGTTCAG
CAAGAACCAGAAAAGACAAGTTCAGCCCAAGAAAAAGGAGGAAAAATATCCAGCAAA
ACCGCTGCTAAATTGCAACTAGTGCTAAAAGAATTCAGAAGGAAGTTCAGAAATCACA
TTGGACCTCCTCCCACTGTAGTGCTGGACCCAAAGGAGACAACATTTATGAATGGAGG
TCAACTATATTGGGACCCCAAGGATCTGTCTATGAAGGAGGGTGTCTTTCTTGACATT
ACCTTTTACCAGACTATCCGTTTAAACCCCTAAGGTTACCTTCCGAACAAGAATCTAT
CACTGTAATATTAACAGCCAAGGTGTGATCTGTCTGGACATCTTAAAGGACAAGTGGAGT
CCGGCTTTAACTATTTCTAAAGTCTCCTCTCCATCTGCTCACTTCTTACAGATTGCAAC
CCTGCTGACCCTCTGGTGGGCAGCATCGCCACACAGTACATGACCAACAGAGCAGAGCAT
GACCGGATGGCCAGACAGTGGACCAAGCGGTACGCCACATAGGGGCTGTGCTGCCGC
CCCGCGGGACCTGTGCAAGCACATTCACCAAGTGCATCGGTAGCCCTGCCACCCCTCCA
GACCTCGGTTCTATTTTCTATTTTTATTAATTTGGAACATTTTGTGATGGTATGTT
GTCCATCTTCCATCCCAGTTCTTCTGCCCCCTTCTCTCTCCCACGCTCTCTTTTAT
CTCTCATTTTATCCCTTGTGATTTCTGTTAACTTGAAGATTTGGGATTTTTTTCCCA
GAGCTTTCTTACAAAGCTTTGTATTACTGTGTGGTTTTGTTTTTTTGTGTTGTTTATT
TGATTTTGATTTTTTTTTCTTTTATGTGATCTTTGGGAAAACACATTCAGAATTATATCT
CGTTTCTACTTAAATGTAGTGCTTAGGGTAAATTTTTTGTACTGAAGTCTTTATTGGTGG
GTGCATGCTACTGGGAACAAGTTTTTGTACAAAAGCTTCAATCAGAACTACTGTGCATTA
CTGAGACTCTGTTTATCACTAGCCTTCTGTCCCTCCCGCAGAAGACTGTTGGATTGAACA
AAATAATATGATTTTGTATTTACTTAAAGTGCTTGAAATTTCTTAGGGACCTGCCACTT
TTGACTGTGGATCAGTTGATGTACACTTGATTATTAAGCACTCAATAAATCACTGTGG
CTGATAACTGCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_152653
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_152653.1 , NP_689866.1
RefSeq Size:	1541 bp
RefSeq ORF:	606 bp
Locus ID:	7325
UniProt ID:	Q96LR5
Cytogenetics:	3p24.3
Domains:	UBCc
Protein Pathways:	Ubiquitin mediated proteolysis
Gene Summary:	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Catalyzes the ISGylation of influenza A virus NS1 protein.[UniProtKB/Swiss-Prot Function]