

Product datasheet for **SC124121**

UBE2I (BC000744) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2I (BC000744) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2I
Synonyms:	C358B7.1; P18; UBC9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BC000744, the custom clone sequence may differ by one or more nucleotides

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CCGTGCTCTGCCTCTGTGTTCCAGGGACTTTGAACATGTCGGGGATCGCCCTCAGCAGACTCGCCAGG
AGAGGAAAGCATGGAGGAAAGACCACCCATTTGGTTTCGTGGCTGTCCCAACAAAAATCCCGATGGCAC
GATGAACCTCATGAAGTGGGAGTGCGCCATTCCAGGAAAGAAAGGGACTCCGTGGGAAGGAGGCTTGT
AAACTACGGATGCTTTTCAAAGATGATTATCCATCTTCGCCACCAAAATGTAAATTCGAACCACCATTAT
TTCACCCGAATGTGTACCCTTCGGGACAGTGTGCCTGTCCATCTTAGAGGAGGACAAGGACTGGAGGCC
AGCCATCACAATCAAACAGATCCTATTAGGAATACAGGAACCTTCTAAATGAACCAAAATATCCAAGACCCA
GCTCAAGCAGAGGCCACACGATTTACTGGTTAGTAGCAGCCCTGGCCCCGCTGGTGGCAGCTCCTCCCC
GTCCCAGCAAGGCCGCTGGCAGGACGGGAGTGGAGCACACAGGCTCACCTAGGGACAGCCAGGGTCC
GCGCCTCTGTGGGAAGGTGGGGGGCATAAACCTGTGGGCAGCAGGCACCGTTGCACACCGTCTGCGG
TGGGCATGGATGGCGCCGAGCCGTGTCCAGGGGAGGGAGCAGGCCAGGTGACAGGGGCTGTCTTGGGCC
ACTGCCCCAGTGAGTTGTGGCCAGCTAGGAGGGGAAGGACCCTGGGCGTGGGTGCCAGAGGAGGCCATGC
TGAGAGGCCTCTCCACCGCTCAGCCTCCCGTGGACCCAGCCTCCCGCGCCGCCCTTGCTGCTTGCC
CATCCCCCTCTACAACCTGGTTCTTCTGTGGGGGGGCCAGCCAGCAGGGCTCAGTGACGTGATGCTGT
CACACGGACCCTGGGCTTCCACCCTGTCCCTGTGAGGTGCTGTGTGGCTAGAAGGGTCCCCGTGGGCT
GGGGTCTGTCTGCACCGAGGAGGGCTGGTGTGAGTTAGGATGCAGACGACAGCCAAACAGTGTGGG
AAAGCAGGGAGGACCCTGCCCTGAGCAGAGGCCATGCGCCCGCTGTCTGTTCCTCTGCAGCTGTTCT
GGGCAGTCCATAAGAAGTGGGTTGGGGCCTCCGACCCCACTGCTCCGCTGCAGGGTTGAGAAACCC
AGCCCCATCTACCACGGTCCCACACCTCTGAGGAGGTCTCAGGGCCCCAATGGCCAGGGACCCAGA
AGGCTCACCTGCAGCCACCCACACATCCCTGCCACTGTGGCATCAGAGGCCCTCTCCCTCAGGGTGC
ATCTCCTGGTCAGGAGGGGGAGGCCCGGTTGCCTTAGGCCCGGCTGCACAGGTGAGGAAAAGCAC
CTGGTTTCGCGCCGGCGCGGTGGCTCACGTTGTAAATCCAGCACTTTGGGAGGCCGAGGTGGGCGAATC
ATGCGGTGAGGAGTTCGAGACCAGCCTGGCCAACATGGCGAAACCCCTCGTCCCTACTAAAAATACAAAA
ATTAGTTGGGCGTAGTGGTGGGTGCCTCTAATCCAGCTACCTGGGAGGCTGAGACAGGAGAATCACTTG
AACCCGGGAGGCGGAGGTTGCAGTGAGCCGAGATCCTGCCACTGCTCTCCAGCCTGGCGACGGAGGAATG
CTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence: >OriGene 5' read for BC000744 unedited

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GTAGCGTTCAAATTTTGAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGC
CGTGCTCTGCCTCTGTGTTCCAGGACTTTGAACATGTCGGGGATCGCCCTCAGCAGACT
CGCCCAGGAGAGGAAAGCATGGAGGAAAGACCACCCATTTGGTTTCGTGGCTGTCCCAAC
AAAAATCCCGATGGCACGATGAACCTCATGAAGTGGGAGTGCGCCATTCAGGAAAGAA
AGGGACTCCGTGGGAAGGAGGCTTGTTTAAACTACGGATGCTTTTCAAAGATGATTATCC
ATCTTCGCCACCAAAATGTAAATTCGAACCACCATTATTCACCCGAATGTGTACCCTTC
GGGACAGTGTGCCTGTCCATCTTAGAGGAGGACAAGGACTGGAGGCCAGCCATCACAAT
CAAACAGATCCTATTAGGAATACAGGAACCTTCTAAATGAACCAAAATATCCAAGACCCAGC
TCAAGCAGAGGCCACACGATTTACTGGTTAGTAGCAGCCCTGGCCCCGCTGGTGGCAGC
TCTCCCCGTCCCAGCCAAGGCCGCTGGCAGGACGGGAGTGGAGCACACAGGCTCACCC
TAGGGACAGCCAGGTCGCGCCTCTGTGGGAAGGTGGGGGGCATAAACCTGTGGGC
AGCAGGCACCGTTGCACACCGTCTGCGGTGGGCATGGATGGCGCCGAGCCGTGTCCAGG
GGAGGGAGCAGGCCAGGTGACAGGGGCTGTCTTGGGCCACTGCCCAAGTGTGAGTTGTGGCC
AGCTAGNGAGGGAAGGACCCTGGGCGTGGGTGCCAGAGAGGCCATGCTGAGAGCCTCTCC
ACGGCTACCA
    
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Restriction Sites: Please inquire

ACCN: BC000744

Insert Size: 1700 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:	BC000744.1 , AAH00744.1
RefSeq Size:	1724 bp
RefSeq ORF:	555 bp
Locus ID:	7329
Cytogenetics:	16p13.3
Domains:	UBCc
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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]