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Product datasheet for SC107675

UBE2I (NM_194259) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBE2I (NM_194259) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBE2I
Synonyms:	C358B7.1; P18; UBC9
Mammalian Cell Selection:	None
Vector:	pCMV6-XL6
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_194259 edited ATGTCGGGGATCGCCCTCAGCAGACTCGCCCAGGAGAGGAAAGCATGGAGGAAAGACCAC CCATTTGGTTTCGTGGCTGTCCCAACAAAAAATCCCGATGGCACGATGAACCTCATGAAC TGGGAGTGCGCCATTCCAGGAAAGAAAGGGACTCCGTGGGAAGGAGGCTTGTTTAAACTA CGGATGCTTTTCAAAGATGATTATCCATCTTCGCCACCAAAATGTAAATTCGAACCACCA TTATTTCACCCGAATGTGTACCCTTCGGGGACAGTGTGCCTGTCCATCTTAGAGGAGGAC AAGGACTGGAGGCCAGCCATCACAATCAAACAGATCCTATTAGGAATACAGGAACTTCTA AATGAACCAAATATCCAAGACCCAGCTCAAGCAGAGGCCTACACGATTTACTGCCAAAAC AGAGTGGAGTACGAGAAAAGGGTCCGAGCACAAGCCAAGAAGTTTGCGCCCTCATAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_194259 unedited CACAATTTCCCCGCCCGTTGCCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATAT AAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTTCTTTTTGCAGCGGC CTGCGAATTCGGCACGAGGTTTGAACATGTCGGGGATCGCCCTCAGCAGACTCGCCCAGG AGAGGAAAGCATGGCAGGAAAGACCACCCATTTGGTTTCGTGGCTGTCCCAACAAAAAAT CCCGATGGCACGATGAACCTCATGAACTGGGAGTGCGCCATTCCAGGAAAGAAAGGGACT CCGTGGGAAGGAGGCTTGTTTAAACTACGGATGCTTTTCAAAGATGATTATCCATCTTCG CCACCAAAATGTAAATTCGAACCACCATTATTTCACCCGAATGTGTACCCTTCGGGGACA GTGTGCCTGTCCATCTTAGAGGAGGACAAGGACTGGAGGCCAGCCATCACAATCAAACAG ATCCTATTAGGAATACAGGAACTTCTAAATGAACCAAATATCCAAGACCCAGCTCAAGCA GAGGCCTACACGATTTACTGCCAAAACAGAGTGGAGTACGAGAAAAGGGTCCGAGCACAA GCCAAGAAGTTTGCGCCCTCATAAGCAGCGACCTTGTGGCATCGTCAGACGGACGGGATT GGTTTGGCACGAACTTGTTTACAACATTTTTGCAAATCTAAAGTTGCTCCATACAATGAC TAGTCACCTGNGGGGGGATGGGCGGGCGCCATCTTCCATTGCCGCCGCGGATGTGCGGTC TCGAATCGCTGAATTGCCCGTTTCATACAGGGACTCTTCCTTCGGACTTTTGAATATTTG ACTGGTATGCAAACTCGCTCTTATATTATATTGATGTCAGTATTTCACTGCTGTAAACTA TAACTTTATACTGGGTAGTCCN

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Restriction Sites:	NotI-NotI
ACCN:	NM_194259
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:	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_194259.1, NP_919235.1
RefSeq Size:	1478 bp
RefSeq ORF:	477 bp
Locus ID:	7329
UniProt ID:	P63279
Cytogenetics:	16p13.3
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] Transcript Variant: This variant (2) has an additional exon in the 5' UTR, as compared to variant 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.