

Product datasheet for SC114559

UBE2D4 (NM_015983) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBE2D4 (NM_015983) Human Untagged Clone
Tag: Tag Free
Symbol: UBE2D4
Synonyms: HBUCE1
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_015983 edited
 ATGGCGCTAAAGCGGATCCAGAAGGAATTAACCGACTTGCAGAGGGATCCTCCTGCCCA
 TGTTCGTCAGGACCTGTCGGTGATGACTTGTCCACTGGCAGGCCACCATCATGGGCCCC
 AATGACAGTCCTTACCAAGGAGGTGTTTTCTTCTGACCATCCACTTTCTACAGATTAC
 CCGTTCAAGCCCCAAAGTTGCTTTCACAACCAAAATTTATCACCTAATATCAACAGC
 AATGGCAGCATCTGCCTTGATATCCTGCGGTCTCAGTGGTCTCCAGCGTTGACTGTGCA
 AAAGTTCTCTGTCCATCTGCTCGCTGCTGCGACCCCAACCCCGATGACCCCTGGTG
 CCAGAGATAGCACACACCTACAAGGCCGACAGAGAGAAGTACAACAGACTAGCAAGAGAG
 TGGACACAAAAATATGCTATGTAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_015983 unedited
 TAGAATTTGTAATACGACTCTACTATAGGGCGGCCGGAATCGGCACCAGGCTTGGTGGC
 GGCTGAGCCGGCAGCGGGCCGCTCAGGCAGCCCCGGCCGGGCCCGGGTCCCCGGCA
 GCGGGGTAGGATGGCGCTAAAGCGGATCCAGAAGGAATTAACCGACTTGCAGAGGGATCC
 TCCTGCCAGTGTCTGCAGGACCTGTCGGTGATGACTTGTCCACTGGCAGGCCACCAT
 CATGGGCCGAATGACAGTCCTTACCAAGGAGGTGTTTTCTTCTGACCATCCACTTTCC
 TACAGATTACCCGTTCAAGCCCCAAAGTTGCTTTCACAACCAAAATTTATCACCTAA
 TATCAACAGCAATGGCAGCATCTGCCTTGATATCCTGCGGTCTCAGTGGTCTCCAGCGTT
 GACTGTGTCAAAAGTTCTCTTGTCCATCTGCTCGCTGCTGCGACCCCAACCCCGATGA
 CCCCCTGGTGCCAGAGATAGCACACACCTACAAGGCCGACAGAGAGAAGTACAACAGACT
 AGCAAGAGAGTGGACACAAAAATATGCTATGTAAGTGCCTTGGAGGGTNTACATGAGACA
 CTGTCCCAGAGAAGCTGGCAGAGAGGTCCTCCCTTTAACTTTGNGCTGGTGGCTGAGC
 CATTCAAGAGCATCATCTGTTCTTTCAACAATGGTGGTCAACCACTCTCTTTCAGTGCAG
 CATGGTGGTGCCATNTTCAGCAATTACCGCCTTGACAGTGCCACCTCTTTGATGCCAAAT
 CAGCACCATTGNTGTTATGATCTGCAACCTCCTGGGACACGGATCTCTCTTTTGGCCG
 CTAATTGGCTGCTGGCCCTTGGGGCCAAAGCCTGACGGTTTTCTACCGGCCAAAAAGTGT
 GCGCCCTGAGGAACCAACAGGCCTAACCGGCCTCCACAAAC



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Restriction Sites:	NotI-NotI
ACCN:	NM_015983
Insert Size:	2500 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_015983.2 , NP_057067.1
RefSeq Size:	1398 bp
RefSeq ORF:	444 bp
Locus ID:	51619
UniProt ID:	Q9Y2X8
Cytogenetics:	7p13
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 able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11' and 'Lys-48'-linked polyubiquitination.[UniProtKB/Swiss-Prot Function]