

Product datasheet for **SC319096**

UBIAD1 (NM_013319) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: UBIAD1 (NM_013319) Human Untagged Clone
Tag: Tag Free
Symbol: UBIAD1
Synonyms: SCCD; TERE1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_013319.1
 GTTTACTTCAACCACGTGGAGCTTCCATGGCGGCCTCTCAGGTCCTGGGGGAGAAGATTA
 ACATCCTGTCTGGGAGAGACTGTCAAAGCTGGGGACAGGGACCCGCTGGGGAACGACTGTC
 CCGAGCAAGATAGGCTCCCCAGCGCTCCTGGAGGCAGAAGTGTGCCTCCTACGTGTTGG
 CCCTGAGGCCCTGGAGCTTCAGTGCCTCACTCACACCGGTGGCCCTGGGAGTGCCTTG
 CCTACAGATCCCACGGTGTCTGGATCCCAGGCTCTTGGTGGGTTGTGCCGTGGCTGTCC
 TGGCTGTGCACGGGGCCGTAATTTGGTCAACACTTACTATGACTTTTCCAAGGGCATTG
 ACCACAAAAGAGTGATGACAGGACACTTGTGGACCGAATCTTGGAGCCGAGGATGTGC
 TCCGGTTCGGAGTCTTCTCTACACGTTGGGCTGCGTCTGTGCCGCTTGCCTCTACTACC
 TGTCCCCTCTGAAACTGGAGCACTTGGCTTTATCTACTTTGGAGCCTGTCTGGCTCCT
 TTCTCTACACAGGAGGAATTGGATTCAAGTACGTGGCTCTGGGAGACCTCATCATCCTCA
 TCACTTTTGGCCCGCTGGCTGTGATGTTTCGCTACGCCATCCAGGTGGGGTCCCTGGCCA
 TCTTCCCCTGGTCTATGCCATCCCCCTCGCCCTCAGCACCGAGGCCATTCTCCATTCCA
 ACAACACCAGGGACATGGAGTCCGACCGGGAGGCTGGTATCGTACGCTGGCCATCCTCA
 TCGGCCCCACGTTCTCCTACATTCTCTACAACACACTGCTTCTCCTGCCCTACCTGGTCT
 TCAGCATCCTGGCCACACACTGCACCATCAGCCTGGCACTCCCCCTGCTTACCATTCCCA
 TGGCCTTCTCCCTTGAGAGACAGTTTGAAGCCAGGCCTCAACAAACTGCCCCAGAGGA
 CTGCCAAGCTCAACCTCCTGCTGGGACTTTTCTATGTCTTTGGCATCATTCTGGCACCAG
 CAGGCAGTCTGCCAAAATTTAAGGGGACAAGTAGCTCCCCCAGGACATGTCTCCCTTT
 CTTAGAATATATTAAGTCAGAGTCTCTGAGGAAGGAATGTGATTTGGCAGTCAGGGTAC
 TAAGCATGGGTGGAACTCCTGCCTTATAAAATTGTTTTTGTGTTCTTAAAGATAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_013319



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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:	<u>NM_013319.1</u> , <u>NP_037451.1</u>
RefSeq Size:	1520 bp
RefSeq ORF:	1017 bp
Locus ID:	29914
UniProt ID:	<u>Q9Y5Z9</u>
Cytogenetics:	1p36.22
Domains:	UbiA
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a protein thought to be involved in cholesterol and phospholipid metabolism. Mutations in this gene are associated with Schnyder crystalline corneal dystrophy. [provided by RefSeq, Oct 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>