

Product datasheet for **SC323975**

C16orf44 (KLHL36) (NM_024731) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C16orf44 (KLHL36) (NM_024731) Human Untagged Clone
Tag:	Tag Free
Symbol:	C16orf44
Synonyms:	C16orf44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024731.2
 TCCTGGCGGAGCCATGGCTGCGCAGCGGGCTGGCCGGGGTCTCCTGAACCCGGGCCCCG
 CCGCCCCGACCGCCCGCCCGCGCGGGGTGTCCCGCCGCGTCCGTAGCGCGTCT
 GCCAGGGCTGAAATCTCTTTAATGATGGAGGGAAGCAGGCAGACGCGAGTGTCTCGGCCA
 TACAAGATCAGCAATCATCAAAGGTATACCGCTGGGCGGACCACTCAAGCACGGTGCTG
 CAGCGGCTGAACGAGCAGCGTCTCCGCGGGCTCTTCTGCGACGTCGTCTGGTGGCCGAT
 GAGCAGCGTGTGCCAGCCATCGCAACCTGCTGGCCGTGTGCAGCGACTACTTCAACTCC
 ATGTTTACCATCGGCATCGGGGAAGCTTTCCAGAAGGAGGTGGAGCTGATCGGCGCCTCC
 TACATTGGGCTCAAGGCGTGGTGGACTTCTGTACGGCGGGAGCTGGTGTGGATGGC
 GGCAACATTGACTACGTCTGGAGACGGCTCACCTGCTGCAGATCTGGACGGTGGTAGAC
 TTCTGCTGTGAGTACCTGGAGCAGGAGGTGAGCGAGGACAACCTGTACCTGCAGGAG
 CTGGCCTCCATCTACAGCCTCAAGCGGCTTGATGCCTTCATCGATGGCTTCATCTGAAC
 CACTTCGGCACGCTGTCTTTACGCCGACTTCTGCGAAGCTCTCCATGCAGAAGCTG
 TGTGTCTACCTGAGCAGCAGCGAGGTGCAGCGGAGTGTGAGCACGACCTCTGCAGGCC
 GCCCTGCAGTGGCTGACGCGAGCGCCGAGCGGAGGCCACGCCGCCAGGTGCTGGAG
 AACATCCACTTCCCGCTCATCCCAAGAAGCAGCTGCTGCACCGCGTCAAGCCGGCCGTG
 TGCTCGCTGTGCCCCAAGGAGGCCAACTGCGAGGGCTTATCGAGGAGGCCGTGCGCTAC
 CACAACAACCTGGCGGCCAGCCCGTATGCAGACCAAGCGCACGGCGCTGCGCACCAAC
 CAGGAGCGCCTGCTGTTTGTGGGCGGCGAGGTCTCCGAGCGGTGTCTGGAGCTCAGTGAC
 GACACCTGCTACCTGGACGCCAAGAGCGAGCAGTGGGTCAAAGAGACGCCGCTGCCCGCC
 CGGCGGAGCCACCACTGTGTGCGGTGCTGGGGGGCTTCATCTTCATCGCCGGCGGCAGC
 TTCTCACGGGACAACGGAGGGGATGCGGCCTCCAATCTTCTTTATAGGTATGACCCCGC
 TGTAACAGTGGATCAAGGTGGCTCCATGAACCAGCGCCGTGTGGATTTCTACCTTGCC
 TCCATCGAAGACATGCTGGTGGCCATCGGCGGCCGGAATGAGAACGGAGCGCTCTCTTCA
 GTAGAGACGTACAGTCCCAAGACTGACTCCTGGTCTATGTGGCCGGCTTCCCAAGGTTT
 ACGTACGGCCACGCGGCCACCATCTACAAAGACTTCGTGTACATCTCGGGGGGCCACGAC
 TACCAATTGGCCCTACCGCAAGAACCTGCTATGCTACGACCACCGACAGAGCTGTGG
 GAGGAGCGGCGGCCATGACCACGGCGCGCGGTGGCACAGCATGTGCAGCCTGGGTGAC
 AGCATCTACTCCATCGGGGCGAGCATGACAACATCGAGTCCATGGAGCGCTTCGACGTG
 CTGGGCGTGGAGGCTACAGCCCGAGTGAACAGTGGACCCGCGTGGCGCCGCTGCTG
 CACGCCAACAGCGAGTCGGCGTGGCAGTGTGGGAGGGCCGCATCTACATCTGGCGGC
 TACAGCTGGGAGAACACTGCCTTCTCAAGACCGTGCAGGTGTACGACCGGAGGCCGAC
 AAGTGGAGCAGGGGCGTGCACCTGCCCAAGGCCATCGCTGGCGGGTCCGCTGTGTCTGC
 GCCCTGGAGCCACGGCCAGAGGACAAGAAGAAAGGCAAAGGCAAGAGGCACCAAGGAC
 CGGGGCCAGTGACCCTAGCTGCGCCTCTTGGGACCATCCTCACCGTCACCTCCCAGGGCT
 CTGTAGACCAGCAGCACTTCTTAGTATTCCGAAACATTATGTACAACCTAGCAGCTTT
 TTTTACTTTTATGATTCTTGGTATTCTATGATATCACAGTAACCAATTAATACTATCT
 GTAACCTTTAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_024731

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:	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_024731.2, NP_079007.2</u>
RefSeq Size:	2211 bp
RefSeq ORF:	1851 bp
Locus ID:	79786
UniProt ID:	<u>Q8N4N3</u>
Cytogenetics:	16q24.1
Domains:	BTB, Kelch
Gene Summary:	Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (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.