

Product datasheet for **SC112025**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC112025 sequence for NM_024731 edited (data generated by NextGen Sequencing)

```
ATGATGGAGGGAAGCAGGCAGACGCGAGTGTCTCGGCCATACAAGATCAGCGAATCATCA
AAGGTATACCGCTGGGCCGACCACTCAAGCACGGTGTGCAGCGGCTGAACGAGCAGCGT
CTCCGCGGGCTCTTCTGCGACGTCGTCTGGTGGCCGATGAGCAGCGTGTGCCAGCCAT
CGCAACCTGCTGGCCGTGTGCAGCGACTACTTCAACTCCATGTTACCATCGGCATGCGG
GAAGCTTTCCAGAAGGAGGTGGAGCTGATCGGCGCCTCTACATTGGGCTCAAGGCCGTG
GTGGACTTCCTGTACGGCGGGGAGCTGGTGTGGATGGCGGCAACATTGACTACGTCCTG
GAGACGGCTCACCTGCTGCAGATCTGGACGGTGGTAGACTTCTGCTGTGAGTACCTGGAG
CAGGAGGTGAGCGAGGACAACACTCTGTACCTGCAGGAGCTGGCCTCCATCTACAGCCTC
AAGCGGCTTGATGCCTTCATCGATGGCTTCATCCTGAACCACTTCGCGACGCTGTCCTTT
ACGCCCGACTTCTGCAGAACGTCTCCATGCAGAACTGTGTGTCTACCTGAGCAGCAGC
GAGGTGCAGCGGGAGTGTGAGCACGACCTCTGCAGGCCGCCCTGCAGTGGTGACGCGAG
CAGCCCGAGCGCAGGCCACGCCCGCCAGGTGCTGGAGAATCCACTTCCCGCTCATC
CCCAAGAACGACCTGCTGCACCCGCTCAAGCCGGCCGTGTGCTCGCTGCTGCCAAGGAG
GCCAACTGCGAGGGCTTCATCGAGGAGGCCGTGCGCTACCACAACAACCTGGCGGCCAG
CCCGTCATGCAGACCAAGCGCACGGCGCTGCGCACCAACCAGGAGCGCCTGCTGTTTGTG
GGCGGCGAGGTCTCCGAGCGGTGTCTGGAGCTCAGTGACGACACCTGCTACCTGGACGCC
AAGAGCGAGCAGTGGGTCAAAGAGACGCCGCTGCCCGCCGGCGGAGCCACCACTGTGTC
GCGGTGCTGGGGGGCTTCATCTTCATCGCCGGCGGCGAGTTCTCACGGGACAACGGAGGG
GATGCGGCCTCCAATCTTCTTTATAGGTATGACCCCGCTGTAACAGTGGATCAAGGTG
GCCTCCATGAACCAGCGCCGTGTGGATTCTACCTTGCCTCCATCGAAGACATGCTGGTG
GCCATCGGCGGCCGGAATGAGAACGGAGCGCTCTTTCAGTAGAGACGTACAGTCCCAAG
ACTGACTCCTGGTCCATATGTGGCCGGCTTGCCAAGGTTACGTACGGCCACGCGGGCACC
ATCTACAAAGACTTCGTGTACATCTCGGGGGCCACGACTACCAAATTGGCCCTACCGC
AAGAACCTGCTATGCTACGACCACCGGACAGACGTGTGGGAGGAGCGGGGCCCATGACC
ACGGCGCGCGGCTGGCACAGCATGTGCAGCCTGGGTGACAGCATCTACTCCATCGGGGGC
AGCGATGACAACATCGAGTCCATGGAGCGCTTCGACGTGCTGGGCGTGGAGGCCTACAGC
CCGAGTGCAACCAGTGGACCCGCTGGCGCCGCTGCTGCAGCCAACAGCGAGTCCGGC
GTGGCAGTGTGGGAGGGCCGATCTACATCCTGGGCGGCTACAGCTGGGAGAACACTGCC
TTCTCCAAGACCGTGCAGGTGTACGACCGGAGGCCGACAAGTGGAGCAGGGGCGTGCAC
TGCCCAAGGCCATCGCTGGCGGGTCCGCTGTGTCTGCCCTGGAGCCACGGCCAGAG
GACAAGAAGAAGAAAGGCAAGGCAAGAGGCACCAGGACCGGGGCCAGTGA
```

Clone variation with respect to NM_024731.2
631 t=>c

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024731 unedited</p> <pre> NGGTTACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCTGCGCA GCGGGCTGGCCGGGGTCTCCTGAACCCGGGCCCGCCGCCCCGACCGCCGGCCCCGCC GCCGGGCTGTCCCCGCCGCTCCGTAGCGCGTCTGCCAGGGCTGAAATCTCTTTAATG ATGGAGGAAGCAGGCAGACGCGAGTGTCTCGCCATAACAAGATCAGCGAATCATCAAAG GTATACCGCTGGCCGACCACTCAAGCACGGTGTGCAGCGGCTGAACGAGCAGCGTCTC CGCGGGCTCTTCTGCGACGTCGTCTGGTGGCCGATGAGCAGCGTGTGCCAGCCCATCGC AACCTGTGTGCCGTGTGCAGCGACTACTTCAACTCCATGTTACCATCGGCATGCGGGAA GCTTTCAGAAGGAGGTGGAGCTGATCGCGCCTCTACATTGGGCTCAAGGCCGTGGTG GACTTCTGTACGGCGGGAGCTGGTGTGGATGGCGGCAACATTGACTACGTCCTGGAG ACGGCTCACCTGTGCAGATCTGGACGGTGGTAGACTTCTGTGTGAGTACCTGGAGCAG GAGGTGAGCGAGGACAACCTACCTGTACCTGCAGGAGCTGGCTCCATCTACAGCCTAAG CGGCTTGATGCCTTCATCGATGGCTTCATCCTGAACCACTTCGGCAGCGTGTCTTTACG CCCAGTCTCTGCAGAACGTCTCCATGCAGAAGCTGTGTGTCTACCTGAGCAGCAGCGAG GTGCACCGGGAGTGTGAGCAGCACTCCCTGCAGCCGCCCTGCAATGGCTGACGCANCAG CCCAGCGGAGGCCACGCCGCCAGTGGCTGAAGACATCCATTTCCGCTCATCCCAGGAC GAN </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024731 unedited</p> <pre> NTTTAACTTTGGNACCGCGCCGAATCTAGNAGTCGGTTTTTTTTTTTTTTTTTTTTTAAA GTTACAGATAGTATTTAATTGGTACTGTGATATCATAGAAATACCAAGAATCATAAAAG TAAAAAAGCTGTAAGTTGTACATAATGTTTCCGGAATACTAAGAAGTTGCTGTGGTC TACAGAGCCCTGGGAGGTGACGGTGAGGATGGTCCCAAGAGGCGCAGCTAGGGTCACTGG CCCCGGTCTGGTGCCTCTTGCCTTTGCCTTTCTTCTTGTCTCTGGCCGTGGCTCC AGGGCGCAGACACAGGGGACCCGCCAGCGATGGCCTTGGGACAGTGCAGCCCCCTGCTC CACTTGTGCGCCTCGCGGTGTCACCTGCACGGTCTTGGAGAAGGCAGTGTCTCCCAG CTGTAGCCGCCAGGATGATAGTGCGGCCCTCCACACTGCCACGCCGACTCGTGTG GCGTGCAGCAGCGGCCACGCGGGTCCACTGGTGTGACTGCGGGCTGTAGGCCTCCACG CCCAGCACGTGCAAGCGTCCATGGACTCGATGTTGTCATCGCTGCCCGGATGGAGTAG ATGCTGTACCCAGGCTGCACATGCTGTGCCAGCCGCGCCGTGGTGTGCGGGCCCGCC TCCTCCACACAGTGTGTCGGTGGTGTAGCATAGCAGGTTCTTGGGTAAGGGGCCAATT TGGTAGTCGTGGCCCCGAGATGTACACGAAGTCTTTGTAGATGGTGCCTGCGTGGCCG TACGTGAACCTTGGNCAGCCGGCCACATAGGACCAGNAGTCAGTCTTGGGACTGTACGTC TCTACTGAAGAGAGCGCTNCGTTCTCATTCCGGCCGNCGATGGCCACAGCATGTCTTGA TGGAGGCANGGTAGAATCACACGNNGCTGGNTCATGGNAGGCACCTTGATCCACTGNT </pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_024731
Insert Size:	2180 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_024731.2 , NP_079007.2
RefSeq Size:	2211 bp
RefSeq ORF:	1851 bp
Locus ID:	79786
UniProt ID:	Q8N4N3
Cytogenetics:	16q24.1
Domains:	BTB, Kelch
Gene Summary:	<p>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]</p> <p>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.</p>