

## Product datasheet for SC301964

### CUTA (NM\_001014837) Human Untagged Clone

#### Product data:

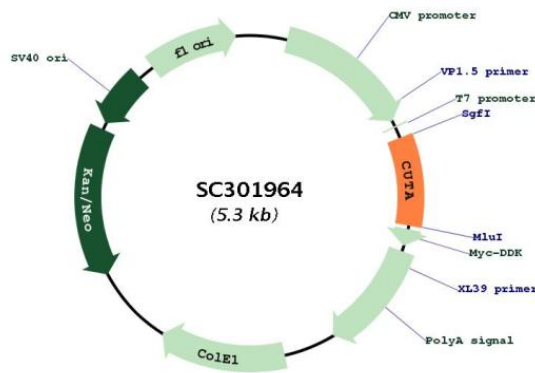
Product Type:	Expression Plasmids
Product Name:	CUTA (NM_001014837) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUTA
Synonyms:	ACHAP; C6orf82
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301964 representing NM_001014837. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGGCGTGTCTGCCTGTGGCCTCCCGCCTTTTGTGCTACCCGAGTCTTGCTGACCATGGCCTCT
GGAAGCCCTCCGACCCAGCCCTCGCCGGCCTCGGATTCGGCTCTGGCTACGTTCCGGGCTCGGTCTCT
GCAGCCTTTGTTACTTGCCCAACGAGAAGGTCGCCAAGGAGATCGCCAGGGCCGTGGTGGAGAAGCGC
CTAGCAGCCTGCGTCAACCTCATCCCTCAGATTACATCCATCTATGAGTGGAAAGGGAAGATCGAGGAA
GACAGTGAGGTGCTGATGATGATTAACCCAAAGTTCCTTGGTCCCAGCTTTGACAGATTTTGTTCGT
TCTGTGACCCCTTACGAAGTGGCCGAGGTAATTGCATTGCCTGTGGAACAGGGGAACCTTCCGTACCTG
CAGTGGGTGCGCCAGGTCACAGAGTCAGTTTCTGACTCTATCACAGTCCCTGCCATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

**Plasmid Map:**


<b>ACCN:</b>	NM_001014837
<b>Insert Size:</b>	471 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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\\_001014837.1](#)

**RefSeq Size:** 1072 bp

**RefSeq ORF:** 471 bp

**Locus ID:** 51596

**UniProt ID:** [O60888](#)

**Cytogenetics:** 6p21.32

**Protein Families:** Transmembrane

**MW:** 16.8 kDa

**Gene Summary:** May form part of a complex of membrane proteins attached to acetylcholinesterase (AChE). [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) uses an alternate splice site in the 5' coding region, compared to variant 1, resulting in a shorter protein (isoform 2). Isoform 2 has also been called isoform c. Variants 2, 3 and 4 encode the same protein.