

Product datasheet for SC127197

CUTA (NM_015921) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUTA (NM_015921) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUTA
Synonyms:	ACHAP; C6orf82
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127197 sequence for NM_015921 edited (data generated by NextGen Sequencing) ATGCCGGCGCTGCTGCCTGTGGCCTCCCGCCTTTTGTGCTACCCCGAGTCTTGCTGACC ATGGCCTCTGGAAGCCCTCCGACCCAGCCCTCGCCGGCCTCGGATTCCGGCTCTGGCTAC GTTCCGGGCTCGGTCTCTGCAGCCTTTGTTACTTGCCCCAACGAGAAGGTCGCCAAGGAG ATGCCAGGGCCGTGGTGGAGAAGCGCCTAGCAGCCTGCGTCAACCTCATCCCTCAGATT ACATCCATCTATGAGTGGAAAGGAAGATCGAGGAAGACAGTGAGGTGCTGATGATGATT AAAACCCAAAGTTCCTTGGTCCCAGCTTTGACAGATTTTGTTCGTTCTGTGCACCCTTAC GAAGTGGCCGAGGTAATTGCATTGCCTGTGGAACAGGGGAACCTTCCGTACCTGCAGTGG GTGCACCAGGTCACAGAGTCAGTTTCTGACTCTATCACAGTCCTGCCATGA
5' Read Nucleotide Sequence:	Clone variation with respect to NM_015921.2 425 g=>a >OriGene 5' read for NM_015921 unedited GCACGAGGGGCCGCATGAGTGGGGGGCGGGCTCCCGGGTCTGCTCGGCGGAGTGGCCT CTCTGCTCCTGTCTTTTGGATGCCGGCGTCTGCTGTGGCCTCCCGCCTTTTGT TGCTACCCCGAGTCTTGCTGACCATGGCCTCTGGAAGCCCTCCGACCCAGCCCTCGCCG CCTCGGATTCCGGCTCTGGCTACGTTCCGGGCTCGGTCTCTGCAGCCTTTGTTACTTGCC CCAACGAGAAGGTCGCCAAGGAGATCGCCAGGGCCGTGGTGGAGAAGCGCCTAGCAGCCT GCGTCAACCTCATCCCTCAGATTACATCCATCTATGAGTGGAAAGGAAGATCGAGGAAG ACAGTGAGGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT TTGTTTCGTTCTGTGCACCCTTACGAAAGTGGCCGAGGTAATTGCATTGCCTGTGGAACAG GGAACCTTCCGTACCTGCAGTGGGTGCACCAGGTCACAGAGTCAGTTTCTGACTCTATCA CAGTCTGCCATGATGAGCCCTGTTCTGCTCATCATGAAGATCCCCGCGATACTTCAAC GCCTTCTGACTTCCAGGTGATGACTGGGCCCAATAAATCCCGTCTTTGGG
Restriction Sites:	NotI-NotI



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ACCN:	NM_015921
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:	<u>NM_015921.2</u> , <u>NP_057005.1</u>
RefSeq Size:	1214 bp
RefSeq ORF:	471 bp
Locus ID:	51596
UniProt ID:	<u>O60888</u>
Cytogenetics:	6p21.32
Domains:	CutA1
Protein Families:	Transmembrane
Gene Summary:	May form part of a complex of membrane proteins attached to acetylcholinesterase (AChE). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) 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.