

Product datasheet for **RG200075**

CUTA (NM_001014838) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CUTA (NM_001014838) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CUTA
Synonyms: ACHAP; C6orf82
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG200075 representing NM_001014838
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCCGGCGCTGCTGCCTGTGGCCTCCCGCCTTTTGTTGCTACCCGAGTCTTGCTGACCATGGCCTCTG
GAAGCCCTCCGACCCAGCCCTCGCCGGCCTCGGATTCGGCTCTGGCTACGTTCCGGGCTCGGTCTCTGC
AGCCTTTGTTACTTGCCCAACGAGAAGGTCGCCAAGGAGATCGCCAGGGCCGTGGTGGAGAAGCGCCTA
GCAGCTGCGTCAACCTCATCCCTCAGATTACATCCATCTATGAGTGAAAGGAAGATCGAGGAAGACA
GTGAGGTGCTGATGATGATTAACCCAAAGTTCCTTGGTCCCAGCTTTGACAGATTTTGTTCGTTCTGT
GCACCTTACGAAGTGGCCGAGGTAATTGCATTGCCTGTGGAACAGGGGAACCTTCCGTACCTGCAGTGG
GTGCGCCAGGTCACAGAGTCAGTTTCTGACTCTATCACAGTCCTGCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG200075 representing NM_001014838
Red=Cloning site Green=Tags(s)

MPALLPVASRLLLPRVLLTMSGSPPTQPSPASDSGSGYVPGSVSAFVTCPNEKVAKEIARAVVEKRL
 AACVNLIPIQITSYEWKGKIEEDSEVLMMIKTQSSLVPALTDVFRSVHPYEVAEVIAPVEQGNFPYLQW
 VRQVTESVSDSITVLP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



[View online »](#)

Cloning Scheme:



ACCN: NM_001014838

ORF Size: 468 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

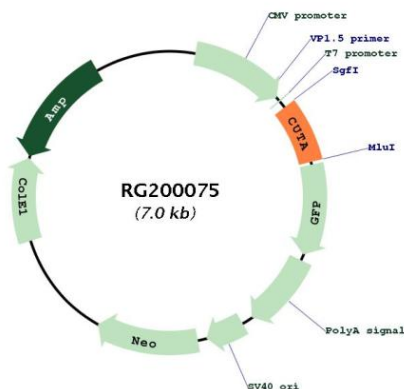
RefSeq: [NM_001014838.2](#)

RefSeq Size: 1041 bp

RefSeq ORF: 471 bp

Locus ID:	51596
UniProt ID:	O60888
Cytogenetics:	6p21.32
Protein Families:	Transmembrane
Gene Summary:	May form part of a complex of membrane proteins attached to acetylcholinesterase (AChE). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG200075