

Product datasheet for **RN213977**

Cuta (NM_212494) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cuta (NM_212494) Rat Untagged Clone
Tag: Tag Free
Symbol: Cuta
Synonyms: CutA1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213977 representing NM_212494
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGA**ACTGGGGGGCGGCGCTCGGCGTCTACTCGGCGGAGGGGCCACGCTGCTCCTGTCGTTTCTTTGCA**
TGCTGCCCTACTGCCGGTGGCTTCCCCTTCTATTGCTACCCGAGCTCTGCTGTCCATGGCTTCTGG
AAGCCCTCGTCCAGCGCTCGCGGCCCTCGGGCTCCGGTACGTTCCAGGATCAGTCTCTGCAGCCTTT
GTCACTTGTCCGAACGAAAAAGTCGCCAAGGAGATTGCCAGGGCAGTGGTAGAGAAGCGCCTGCCAGCCT
CGGTCAACCTCATCCCGCAGATCACATCCATCTATGAATGGAAAGGAAAGATCGAGGAAGATAGTGAGGT
GCTGATGATGATTA**AAACACAAAGCTCCCTGGTCCCTGCTCTGACAGAGTTTGTCCGATCTGTGCACCC**
TATGAAGTTGCCGAGGTGATCGCACTGCCCGTGGAGCAGGGGAATCCCCCGTATCTGCACTGGGTGCACC
AGGTCACGGAATCAGTGT**CAGGCTCTGGCAAGGCCCTACCATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_212494
Insert Size: 534 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).



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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_212494.2</u> , <u>NP_997659.2</u>
RefSeq Size:	718 bp
RefSeq ORF:	534 bp
Locus ID:	294288
Cytogenetics:	20p12
Gene Summary:	may play a role in anchoring acetylcholinesterase in neuronal cell membranes; may be involved in signal transduction [RGD, Feb 2006] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence. The genomic coordinates used for the transcript record were based on alignments.