

Product datasheet for RN215918

Cuta (NM_001164707) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cuta (NM_001164707) 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: >RN215918 representing NM_001164707
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCCCTACTGCCGGTGGCTTCCCGCCTTCTATTGCTACCCGAGCTCTGCTGTCCATGGCTTCTG
GAAGCCCTCCGTCAGCCGTCGCCGGCTCGGGCTCCGGCTACGTTCCAGGATCAGTCTCTGCAGCCTT
TGTCATTGTCCGAACGAAAAAGTCGCCAAGGAGATTGCCAGGGCAGTGGTAGAGAAGCGCTGGCAGCC
TGCCTCAACCTCATCCCGCAGATCACATCCATCTATGAATGGAAGGAAAGATCGAGGAAGATAGTGAGG
TGCTGATGATGATTAACACAAAGCTCCCTGGTCCCTGCTCTGACAGAGTTGTCCGATCTGTGCACCC
TTATGAAGTTGCCGAGGTGATCGCACTGCCCGTGGAGCAGGGGAATCCCCGTATCTGCACTGGGTGCAC
CAGGTCACGGAATCAGTGTCAAGGCTCTGGCAAGGCCCTACCATGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164707
Insert Size: 465 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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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001164707.1</u> , <u>NP_001158179.1</u>
RefSeq Size:	718 bp
RefSeq ORF:	465 bp
Locus ID:	294288
UniProt ID:	<u>Q6MGD0</u>
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 (2) differs in the 5' UTR and uses a downstream start codon compared to variant 1. Both variants 2 and 3 encode the same protein (isoform 2), which is shorter than isoform 1.