

Product datasheet for MC210083

Crtap (NM_019922) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crtap (NM_019922) Mouse Untagged Clone
Tag: Tag Free
Symbol: Crtap
Synonyms: 5730529N23Rik; CASP; Leprel3; P3h5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210083 representing NM_019922
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCCCCGCAGCCCTACGGCCGCTTGTGGTGTGTGTGTGGGTGCGCGCCGACCCCGGGC
 GCGGGCAGTACGAGCGCTACAGCTTCCGCAGTCCCGCGGGACGAGCTGATGCCGCTCGAGTCGGCCTA
 CCGCCACGCGCTCGACCAGTACAGCGGGCAGCACTGGGCCGAGAGCGTGGGCTACCTGGAGGTGAGCCTG
 CGGCTGCACCGTCTGCTGCGCGACAGCGAGGCCTTCTGCCACCGCAACTGCAGCGCGGCCACGCCAGCAC
 CCGCGCCCGCGCCCGGCCAGCCAGCCGGAACACTCGCCTCTTCGGCAGCGTGTGCGCCCGCGCAGTG
 CCTCAAGCGCTGCAAGCAGGGCCTGCCCGCCTCCGCCAGTCGCAGCCAGCCGCTCAGTGTGGCGGAC
 TTTCAAGCGCGAGCCCTACAAGTTTCTGAGTTCGCCACTTCAAGGCAATGACCTCCCGAAGGCCA
 TCGCTGCGGCTCACACCTATCTCCTGAAGCATCCAGATGACGAGATGATGAAGAGAAACATGGAGTATTA
 TAAGAGCTTGCTGGAGCCGAGGACCACATTAAGACTTGAAACCAAGTCGTACGAGAGCCTGTTGTGTC
 CGTGCGGTGCGGGCCTACAACGGGGAGAAGTGGAGAACGTCCATTTCCGACATGGAGTCGCGCTTCCCG
 ACTTCTCAAGGCCTTCTACGAGTGCCTGGCTGCCTGCGAGGGTCCGCGGAGATCAAGGACTTCAAGGA
 CTTCTACCTGTCCATAGCAGATCACTATGTGGAAGTCTGGAGTGAAGATTCGTTGTGAGGAGACCCCTC
 ACCCCAGTCATAGGAGGCTATCCCGTGGAGAAATTTGTGGCGACCATGTACCACTATTTACAGTTTGCCT
 ATTACAAGTTGAAATGATCTGAAGAATGCAGCCCGTGTGCCGTGACGTACCTGCTCTTTGACCAGAGTGA
 CAGGGTCAAGCAGAACCTGGTGTACTATCAGTACCACCGGGACAAGTGGGCCTCTCGGATGAGCAC
 TTCCAGCCAGACCCGAAGCAGTTCAGTCTTTAATGTGACGACGCTCCAGAAGGAACTGTACGACTTCG
 CTCAGGAACACCTAATGGATGACGATGAGGGAGAGGTTGTGGAGTATGTGGACGACTTGTGGAGACGGA
 AGAGTCTGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019922
Insert Size:	1203 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).
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:	NM_019922.2 , NP_064306.2
RefSeq Size:	1714 bp
RefSeq ORF:	1203 bp
Locus ID:	56693
UniProt ID:	Q9CYD3
Cytogenetics:	9 F3
Gene Summary:	Necessary for efficient 3-hydroxylation of fibrillar collagen prolyl residues.[UniProtKB/Swiss-Prot Function]