

Product datasheet for RN217620

Cux2 (NM_001271380) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cux2 (NM_001271380) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Cux2
 Synonyms: Cutl2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN217620 representing NM_001271380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTAGCCCCAGTGCTGAAAAGCTTCCAAGCTGAGGTGGTGGCTCTCAGTAAGAGAAGTCAGGAGGCAG
 AGGCAGCATTCTGAGTGTATTAAGCAATTAATTGAAGCGCCAGACCCTGTCCCCTCGGTTGAGGTGGC
 GCGGACTTAGACGACAGACTGCAGCGTCCCAGCTTCCACCCAGTGGGAGCGCCTACGAGACGTGCAC
 ATCTCGTGAAGAGGTGCCAGAGCCACCCAGTGCAGAGAGCAGAACGAGGGGACGTGTCCACCAGGGC
 ACACGCCAGCCAACGGTAACCACCTGCCAGGTCCCAGGACACCCCTCGTGACAGACACCTTGCTGCAGAA
 GGATGAGGCCGAGAGACAGAAGGGCCTCCAAGAAGTCCACGTACCTTGGCAGCCAGGCTGGGGGAGGCA
 GAGGAGAAAAATCAAGGTGTTACATTCAGCGCTAAAGGCCACACAGACGGAGCTGCTGGAGCTGAGGAGGA
 AATACGATGAGGAGGCTGCATCCAAGGCCGATGAGGTGGCTTGATCATGACGAACCTGGAGAAGGCCAA
 CCAGCGAGCAGAGGCTGCCAGCGGGAGGTAGAAAGCCTCCGGGAGCAGCTGGCATCGGTCAACAGCTCC
 ATTCCGCTGGCTTGCTGCTCCCCGAGGGACCCGGTGGGAGAAAGGTGAGCTTCGCCCTTGCTCAGGGC
 CCCGGCTGGAGGCAGCGCTGGCTTCCAAGGACAGGGAGATCCTCAGGCTGCTGAAGGACGCCAGCAGCT
 GCGGCACTCTCTGAGGAGCTGGAAGAGGTCTCAGCCAACCAAATCGCTGATCTGGAGCGGCAGCTAGCG
 GCCAAGTCTGAGGCCATAGAGAACTCCAAGAAAAGCTGGAGGCCAGGCTGACTATGAAGAGATTAATA
 CAGAGCTGAGCATCCTGAGAGCCATGAAGCTGGCTCCAGCACGTGCAGCCTCCCACAGGCGCTGGGCAA
 GCCTGACGACCCACTGCTCATGGCAAGGATGCCTTCTCCCCACAGAAAGCTCCTGCTGGAAAAGCCC
 GCGCTGCTGGCCAGCCCTGAGGAGGACCCCTCGGAGGATGACTCTATCAAGGGCTCACTGGGCATGGAGC
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 CCCAGTGCCCGCCCTGAGCCCTCTGGGCCCCAGAGCCTGTGGACGGGGCTGGGCCAGAGGAGGAGCAG
 CTGGACACGGCCGAGATCGCCTTCCAGGTGAAGGAGCAGCTTCTGAAGCACAAACATTGGCCAGCGTGTGT



TTGGCCACTATGTGCTGGGACTGTCGCAGGGCTCGGTGAGTGAGATCCTGGCACGGCCAAAGCCGTGGCG
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 CTGGCCCTGCGCACCATCCAGGTGAGGCAGCGAGGCAGCATACCCCCGAGAATCCGAACTCCTGAGACCG
 GCTCAGACGACGCCATCAAGAGTATCCTGGAGCAGGCCAAGAAGGAGATTGAGTCTCAGAAAGGGGGTGA
 GTCCAAGAACTCCCCTGCCTCCGTGAGCATCCCCAACGGCACAGCTTCTCCAGCACCTCGGAAGACGCC
 ATCAAGAACATTCTGGAACAAGCCCGCCGAAATGCAAGCCCAGCAGCAGGCCCTGTGGAGATGGAGT
 CGGGTCCCAGGGCCGCTCAGTGCCCTCCCTCTCCTCCGGAGCGGCCCTCGCCAGCCACTATGAGCCAGAA
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 ACCTTCCCTCTCCTCCTCCTCCAGTACTCGGGACAGCCCAATGGGCGAGCCTGGCCCCGTGGGACGAG
 GCAACCATTGCCCTGAGGACGAAGCGGCTACGGGCATGGGGAGGACGAGGCCCCAGGGTGGGAGAGC
 TCAAGGCCGAGGCCGAGTCTCCGAGGTGGTGGCGGGGACTGCCCTACTACCCAGCGTATGTGCCCG
 CACTCAAGCCACTGTGCCGCCCTAACACCCGAGCAATACGAGCTATACATGTACCCGGAGGTAGAC
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 GACACAGAAGGGCCGGGAGCCTTTCATCCGCATGCAGTTGTGGCTATCAGACCAGCTGGGCCAGGGCCAG
 GCCCAAACCAGCAGCCAGCGCTAGCCAGGCCAGCCCCAGGAGCCAACGTCTCCACCATCACCTCCCC
 CAAGCCCCACGGAGCCTGAAAAGACTTCCCAGGAGCCTCTGGGCCTGTCCCTAGAAAAGCAGCAAGGAGAA
 TCAGCAACCAGAGGGCCGGGCGAGCTCCACCCTGGGTGGGAAGCCCTCTCAAGCAGCCAGACTACGGGG
 GGCATCCAGGAGATGGTGGCCATGTCCCAGAGCTGGACACATACTCCATCACCAGAGAGTCAAGGAGG
 TCCTCACGGACAACAACCTAGGGCAGCGTGTGGTGGTGGAGAGCATCTGGGGCTAACACAGGGCTCCGT
 GTCAGACTGCTGTGAGGCCCAAGCCCTGGCACAAGCTGAGCTTGAAGGGCCGGGAGCCCTTTGTGCGC
 ATGCGGCTGTGGCTGAGCGACCCCAACAATGTGGAAGGCTTCGAGATGTGAAGAAGCTGGAGAAGAAAG
 CCTATCTGAAACCCGATACGGGCTCATCAGCAGGGGCTCTGACAGCGAGTCACCGGCAGCTCACTCCGA
 GTGTCCCAGCCATGTCTGCAGCCGAGGAGTTGAGCCTCATGCAGGCCAAGAAGCCACGTGTGGTGTG
 GCACCGGCCGAGAAGGAGGCTCTGCGGAAGGCCTACCAGCTAGAGCCCTACCCCTCACAGCAGACCATAG
 AGTTGCTCTTTCCAGCTCAACCTCAAGACAAACTGTGTCGCAACTGGTTCCACAACACTACAGGTCCAG
 GATGCGCCGGGAGATGCTGGTGGAGGGAACACAGGATGACCCAGACTTTGACCCAAGTGGGGCTCCAGT
 GTCCTGCCATCAGGCCACACCCACAGACCCACCCCGCAGAGCCCTGACTCAGAGATTGAGGACCAA
 AGCCCCCATGAAGAGCCTGGAGCTGCAGGAACCTGAGAGTCCCGTACACCAAGCAGCCCCAGACAGGGC
 TGTGGTGAAGATTAAGCAGGAAGAGGGTTAGAGGTGGATGGGGACAGCCAGCCCCAGGACATAGGGGAT
 CCAGACAGAGGGCAAGGTGGCCCCAAAGAGGAGGATACTACCCTCTGGGGAAACAATGAACCTCTCAGAGC
 TGGTCCCCGGGCTTTCCCTTCCAGGCACACCCAATCCAGACTGCTCTTATTGCACACCCCCAAGCAAA
 AGAGACTGGGGAACAGGTTCACTCAGAGCCTCTGAGTTTCAAGTCCACCTCTGAATCCTCATGCTGCAGC
 CTGGAGGGGCCACCGAATCTCCCTCTGCCATCTCCTCGCCAGACCTCATGACATGTGTGTACCCGCCC
 CTCTCTCTCAGCCCCATCTCCCCATCCCTACCTGGCACCTACCTGCCAAAGTGCCGAGTACCAGTCC
 CACTGCTGACCCAGCTGCAGCCTTGACCCACAGCACTAAGGTGAACCCCAACTTGACGCGGCGGCATGAG
 AAAATGGCCAACCTGAACAGTATAATCTACCGACTGGAGAGGGCTGCCAACCCGGGAAGAGGCTCTGGAGT
 GGAATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271380
Insert Size: 4281 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).
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_001271380.1, NP_001258309.1</u>
RefSeq Size:	5092 bp
RefSeq ORF:	4281 bp
Locus ID:	288665
Cytogenetics:	12q16