

Product datasheet for RN214301

Cyr61 (NM_031327) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyr61 (NM_031327) Rat Untagged Clone
Tag: Tag Free
Symbol: Cyr61
Synonyms: MGC93040
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214301 representing NM_031327
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTCCAGCACCATCAAGACGCTCGTGTGCGCGTCACCCTTCTCCACTTGACCAGGCTGGCACTCT
 CCACCTGCCCTGCCGCTGCCACTGCCCTCTGGAGGCGCCCAAGTGCGCCCGGGAGTCGGCTTGGTCCG
 GGACGGCTGCGGCTGCTGTAAGGTCTGCGCAAGCAACTCAACGAGGACTGCAGCAAAACGCAGCCCTGC
 GACCACACCAAGGGGCTGGAATGCAATTCGGCGCCAGTTCACCCTCTGAAAGGGATCTGCAGAGCTC
 AGTCAGAAGGCAGACCCTGTGAATATACTCCAGGATCTACCAGAACGGGGAGAGCTTCCAAACCAACTG
 TAAACATCAGTGACATGTATTGACGGTGTGTGGGCTGCATTCTCTGTGTCCCAAGAAGTGTCTCTC
 CCCAATCTGGGCTGTCCCAACCCCGGCTGGTGAAGTCAGCGGGCAGTGTGTGAGGAATGGGTCTGTG
 ATGAAGACAGCATTAAAGGACTCCCTGGACGACCAGGACGACCTCCTTGGATTCGATGCCTCGGAGGTGGA
 GTTAACAAGAAACAATGAGTTAATCGCAATTGGCAAAGGCAGTCACTGAAGAGGCTTCTGTCTTTGGC
 ACGGAACCTCGAGTCCTTACAACCCCTGCATGCCATGGCCAGAAATGCATCGTTCAGACTACGTCCT
 GGTCCCAGTGTCCAAGAGCTGCGGAAGTGGCATCTCCACAGGTTACCAATGACAACCTCGGAGTCCG
 CCTGGTGAAGAGACCCGATCTGTGAAGTGCCTCCTTGTGGACAACAGTGTACAGCAGCCTAAAAAG
 GGCAAGAAATGCAGCAAGACCAAGAAATCCCCAGAACAGTCCGATTTACTTATGCAGGATGCTCCAGTG
 TGAAGAAATACCGGCCAAATACTGCGGCTCCTGCGTGGACGGCCGGTGTGCACACCTCTGCAGACCAG
 GACCGTGAAGATGCGGTTCCGGTGCAGAGATGGCGAGATGTTCTCCAAGAACGTATGATGATTCAGTCC
 TGCAAGTGAATACTAACAAGTCCCGCATCCCAACGAGGCGTCTTTCGCTCTACAGTCTGTTCAACGATA
 TCCACAAGTTCAGGGAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_031327
Insert Size:	1140 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:	<u>NM_031327.2</u> , <u>NP_112617.2</u>
RefSeq Size:	1987 bp
RefSeq ORF:	1140 bp
Locus ID:	83476
UniProt ID:	<u>Q9ES72</u>
Cytogenetics:	2q44
Gene Summary:	an extracellular heparin binding protein involved in supporting smooth muscle cell adhesion, promoting cell migration, and enhancing growth factor-stimulated mitogenesis [RGD, Feb 2006]