

Product datasheet for RN216620

Actr3b (NM_001191860) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actr3b (NM_001191860) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Actr3b
Synonyms:	RGD1565759
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216620 representing NM_001191860 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCTCGCTGCCTCCCTGCGTGGTTGACTGCGGCACCGGGTACACCAAGCTCGGCTACGCAGGCA
ACACTGAGCCACAGTTCATTATTCGTCATGTATTGCCATCCGAGAGTCGGCAAAGGTAGTTGACCAAGC
CCAGAGGAGGGTGTGAGAGGAGTTGATGACCTTGACTTCTTCATAGGGGATGAAGCCATTGATAAACCT
ACCTACGCTACCAAGTGGCCTATACGACATGGCATCGTTGAAGACTGGGATCTTATGGAAAGGTTATG
AACAGGTGGTCTTTAAGTATCTCCGTGCCGAACCTGAGGACCATTATTTTTAATGACAGAACCTCCACT
GAACACACCAGAGAACAGAGAGTACCTTGAGAAATCATGTTTGAATCATTTAATGTACCAGGGCTCTAC
ATTGCAGTACAGGCAGTCTGGCCCTGGCGGCCTCTGGACATCCCGCAAGTTGGTGAACGCACCCTGA
CGGGGATAGTCATAGACAGTGGAGATGGCGTCACCCATGTTATCCCGTGGCAGAAGGTTATGTAATTGG
AAGCTGCATCAAACACATCCCAATTGCAGGTAGAGATATTACGTATTTCAACAGCTGCTAAGGGAG
AGGGAGTGGGAATCCCTCCTGAGCAGTCACTGGAGACCGAAAAGCCATTAAGGAGAAGTACTGTTACA
TATGCCCTGATATTGTCAAGGAATTTGCTAAATATGACGTGGATCCCGGAAGTGGATCAAACAGTATAC
AGGGATCAATGCAATCAACCAGAGGAAGTTCATTATAGATGTTGGTTATGAGAGGTTCTGGGACCAGAA
ATATTCTTTCACCTGAGTTTGCCAACCCAGACTTTATGGAGTCCATCTCGGATGTCGTTGATGAAGTCA
TACAGAACTGTCCATAGACGTGCGCCGACCGCTGTATAAGAACATCGTTCTCTCTGGAGGCTCCACAAT
GTTCAGAGATTTGGACGCCGTCTGCAGAGAGATTTGAAGAGAGTGGTGGACGCCAGGTTAAAGCTGAGC
CAAGAGCTCAGCGGGGGCAGGATAAAGCCTAAGCCTGTGGAGGTGCAGGTGATCACACACCACATGCAGC
GCTACGCCGTCTGGTTGGAGGCTCTATGCTCGCCTCGACTCCGGAGTCTTTTCAGGTCTGCCACACCAA
GAAGGACTATGAGGAATACGGCCCCAGCATCTGCCCCACAACCCCGTCTTCGGAGTCATGTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001191860
Insert Size:	1257 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_001191860.1, NP_001178789.1</u>
RefSeq Size:	1498 bp
RefSeq ORF:	1257 bp
Locus ID:	362298
Cytogenetics:	4q11