

Product datasheet for RN214620

Actl7b (NM_001025417) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Actl7b (NM_001025417) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Actl7b
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN214620 representing NM_001025417
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGACAAGAACAACCCCTAGCCCTAAGCCCATGGGCACAGCTCAGGGAGATCCTGGAGAGGCAGGAA
 CACTGCCAGCCCCGAGGCTGGCATTTCGGGACACAGGTTCCACTCAACTGAAGGCAAAACCAAGAAAA
 ACGGAAGATCAAGGCGCTGGTCATTGACCTGGGCTCCAGTACTGTAAGTGCGGCTACGCGGGAGAGCCG
 AGGCCACCTATTTTCATCTCCTCTACTGTGGGCAAGCGCAGTGCCGAGATGGCTGCAGATGCTGGAGACA
 CCTTCAAGGAGACGTATGTCGGCCATGAGCTGCTCAACATGGAGGCATCTCTGAAGCTGGTTAACCCACT
 GAAGCACGGAGTTGTGGTGGACTGGATTGTATCCAGAACATCTGGGAGTACATCTCCACACCGCCATG
 AAGATCCTCCCCGAAGAGCATGCTGTGCTGGTATCAGACCCTCCGCTCAGCCCCACCAGCAACCGGGAGA
 AGTACGCTGAGCTCATGTTTCGAGACCTTTGGCATTCTGCCATGCATGTGACCTCCAGGCGCTACTGTC
 CATCTACTCATATGGCAAGACCTCCGGTTGGTGGTGGAGAGCGGACATGGCGTGTGCGATGTGGTGCC
 ATCTCTGAAGGGGACCTGCTGCCGGCCTGCCAGCCGCTAGACTATGCGGGCTGCGACCTCACCACCT
 ACCTCATGCAGCTACTCAACGAGGCAGGGCACAAGTTTTTCAGACGACCACCTGCACATTATAGAACACAT
 CAAGAAGAAGTGCTGCTATGCCGCGCTGCTGCCAGAGGAAGAGATGAGCCTGGGCCTGGATGAGCTGCAC
 GTCGACTACGAGCTCCCGGATGGGAAAGTCATCACCATTGGCCAGGAGCGCTCCGCTGCTCCGAGATGC
 TCTTCAAGCCCTCTTTGGTGGGAGCAGCCAGCCTGGCCTCCCTGAGCTACCCGCGACCTGCCTCGACCG
 CTGCCAGGGCACTGGCTTCAAGGAGGAGATGGCTGCTAACGTGCTGCTGTGTTGGTGGCTGCACCATGCTG
 GATGGCTTCCCCGAGCGTTTCCAGAGGGAGCTGAGTCTCCTGTGCCAGGGGACAGCCCTACAGTGGCAG
 CTGCTCCGGAGAGGAAGACGTAGTGTGGACCGGGCTCCATCCTGGCCTCGTTGCAGGCGCTCCAGCA
 GCTTTGGTTCAGCAAAGAAGAGTTTGGAGAGCGGGCTGTGCAGCCATCTACAGCAAGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001025417
Insert Size:	1254 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_001025417.1</u> , <u>NP_001020588.1</u>
RefSeq Size:	1416 bp
RefSeq ORF:	1254 bp
Locus ID:	313183
UniProt ID:	<u>Q4QR76</u>
Cytogenetics:	5q24