

Product datasheet for RN202265

Actl9 (NM_001108077) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actl9 (NM_001108077) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Actl9
Synonyms:	Actl9a; RGD1306886
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202265 representing NM_001108077 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGTCAATGGATACCCAAAGCCCCAGCCCTCCCCGAAACTCATGGGCCTCCTTCCCTGACCTCTA
ACACAGTCCTGGTGGAGCAAGAATCTAGAGCAAGATTCCTTCAGTGTGGTGGGAGACAGGTTCCCACTGAA
AACAGGTGCTGTGGTTATTGACATGGGCACAGGCACCTGTAAGGTAGGCTTTCAGGACAATCCCAACCC
ACCTACTCGGTGGCCACCATCCTGGGTTGCCAGCCCAAGAAACAGGCTACCAAGGGCCAATCGGAGCTGG
AAACTTTTATTGGGGAGGCAGCCGCTCCCGCCAGAAGTGGAGTGGTGAAGCCTATTCGCAATGGCAT
TGTGGTGGACTGGGAAGCAGCCGAACTAATATGGCGACACATCCTGGAACATGATCTCCGAGTAGCCACC
CAAGAGCACCCCTCTACTGTTTTCCGATCCACCCTTCAGCCCTGCCACCAACCGAGAGAAGCTAGTAGAGG
TGGCCTTTGAGTCTCTGCACTCCCAGCCTTGATGTGGCCTCTCAATCTGTATTGTGCTATGCTCA
CGGACGTGTTAACGGACTCGTTGTGGACTGGCCACGGAGTCAGCTACACAGTGCCAGTTGTTCCAGGGT
TACAACCTACCCCATGCCATCCAACGCTTGGACTGGCAGGCAACCATCTTACTGCCTTCTAGCAGAAA
TGATCCTGGGCTCTGGCTTCTCATTGCAACAGGAGGACCTGGACTTGGTGGAGAACATCAAACATCATT
CTGCTATTTGGCCTCAGATTTCCAAAAGGAACAGGCCCGCCAGATCAGGAGTGCAAGCAAACCTGAGG
CTTCTGATGGACGGACTGTTACTCTGGGAAAAGAGTTATCCAGTGTCCAGAGCTCCTATTCATCCCC
CAGAGATTCCAGGATTATCGCCCATGGGCCTCCAGCCATGGCTGAACAGAGCCTCCTCAGGGTGCCTCA
AGATCTACGGCCCATGTGGCCAGAATGTGATCTTATGTGGAGGCTCCTCACTTTCACCGGCCTGGAG
AGTCGCTTCAGGGCAGAGCTGCTACGTTCTGTCCCCTGAGGACCACGTAGTGGTCATGGCACAGCCCA
ACAGGAATCTTTCAGTGTGGATCGGGGCTCCATTTTGGCCTCACTACATGCTTTCAGTCTGTTGGGT
CCTGCGGGAACAATGAAGAAATGGGACCCAGGTTGTATACCGAAAATGCTAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108077
Insert Size:	1248 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_001108077.1, NP_001101547.1</u>
RefSeq Size:	1378 bp
RefSeq ORF:	1248 bp
Locus ID:	314659
Cytogenetics:	7q12