

Product datasheet for RN201473

Acta1 (NM_019212) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acta1 (NM_019212) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acta1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201473 representing NM_019212 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTGACGAGGACGAGACCACCGCTCTTGTGTGTGACAACGGCTCTGGCCTGGTAAAAGCTGGCTTTG
CCGGGGATGATGCCCCAGGGCTGTGTTCCCATCCATCGTGGGTGGCCCCGTACCAGGGTGTGATGGT
CGGTATGGGTGAGAAGGATTCTACGTGGGCGACGAGGCCAGAGCAAGCGAGGTATCCTGACCCCTGAAG
TACCCATTGAACACGGCATTATACCAACTGGGACGACATGGAGAAGATCTGGCACCACACCTTCTACA
ATGAGCTGCGTGTGGCCCCGAGGAGCACCCGACCTGCTCACTGAGGCCCTTTGAACCCCAAAGCTAA
CCGGGAGAAGATGACTCAAATCATGTTTGAGACCTTCAACGTGCCTGCTATGTATGTGGCTATTACAGCG
GTGCTGTCTCTATGCCTCCGGCCGTACCACCGCATCGTGTGGATTCTGGGACGGTGTCAACCACA
ACGTGCCCATCTATGAGGGTTATGCCCTGCCACACGCCATCATGCGTCTGGACCTGGCTGGTCGCGACCT
TACTGACTACCTGATGAAAATCCTCACCGAGCGTGGCTATTCTTCGTGACCACAGCTGAACGTGAGATT
GTGCGCGACATCAAAGAGAAGCTGTGCTACGTGGCCCTGGACTTCGAGAATGAGATGGCCACCGCTGCCT
CTTCTCTCCCTGAAAAGAGCTATGAGCTGCCTGACGGCAGGTCATCACCATCGGCAATGAGCGCTT
CCGTTGCCCGGAGACGCTCTCCAGCCTTCCTTTATCGGTATGGAGTCTGCGGGGATCCATGAGACCACC
TACAACAGCATCATGAAGTGCACATCGACATCAGGAAGGACCTGTACGCCAACAACGTGATGTCAGGGG
GCACTACCATGTACCCCGGTATCGCTGACCGCATGCAGAAGGAGATCACAGCTCTGGCTCCCAGCACCAT
GAAGATCAAGATCATCGCCCCCTGAGCGCAAGTACTCAGTGTGGATCGCGGGCTCCATCCTGGCCTCG
CTGTCCACCTTCCAGCAGATGTGGATCACCAAGCAGGAGTACGACGAGGCCGGCCCTCCATTGTGCACC
GCAAATGCTTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

ACCN:	NM_019212
Insert Size:	1134 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:	NM_019212.2 , NP_062085.1
RefSeq Size:	1518 bp
RefSeq ORF:	1134 bp
Locus ID:	29437
UniProt ID:	P68136
Cytogenetics:	19q12
Gene Summary:	may act as a structural component of the cytoskeleton; may play a role in muscle function [RGD, Feb 2006]