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Product datasheet for SC201154

ACTN3 (NM_001104) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ACTN3 (NM_001104) Human 3' UTR Clone
Symbol:	ACTN3
Synonyms:	ACTN3D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001104
Insert Size:	171 bp
Insert Sequence:	>SC201154 3'UTR clone of NM_001104 The sequence shown below is from the reference sequence of NM_001104. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGTGCCCTCTATGGGGAGAGCGACCTTTGACCCCAACCACTGAGGTTCTCTATGCAAGATGGAGAGAGG ATGCACCCTGTGGCTGATCCCATCCGTCCCTCGGAGCAAGGGCCTAAGAGAAAAGCCAGCCAAGTGCTT CTGAATAAAGATCCCTCTCTGGGTCTCTCCCCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001104.4

View online »

Summary: This gene encodes a member of the alpha-actin binding protein gene family. The encoded protein is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the coding allele. The non-functional allele of this gene is associated with elite athlete status. [provided by RefSeq, Feb 2014]

Locus ID: 89

MW: 6.3