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Product datasheet for SC201657

alpha smooth muscle Actin (ACTA2) (NM_001613) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	alpha smooth muscle Actin (ACTA2) (NM_001613) Human 3' UTR Clone
Symbol:	alpha smooth muscle Actin
Synonyms:	ACTSA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001613
Insert Size:	179 bp
Insert Sequence:	>SC201657 3'UTR clone of NM_001613 The sequence shown below is from the reference sequence of NM_001613. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTTCCATTGTCCACCGCAAATGCTTCTAAAACACTTTCCTGCTCCTCTCTGTCTCTAGCACACAACTG TGAATGTCCTGTGGAATTATGCCTTCAGTTCTTTTCCAAATCATTCCTAGCCAAAGCTCTGACTCGTTA CCTATGTGTTTTTTAATAAATCTGAAATAGGCTACTGGTAA 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_001613.4

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Summary: This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome. [provided by RefSeq, Sep 2017]

Locus ID: 59

MW: 6.5