

Product datasheet for **SC215830**

EST1A (SMG6) (NM_017575) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EST1A (SMG6) (NM_017575) Human 3' UTR Clone
Symbol:	EST1A
Synonyms:	C17orf31; EST1A; hSMG5/7a; SMG-6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017575
Insert Size:	1679 bp



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Insert Sequence: >SC215830 3'UTR clone of NM_017575
The sequence shown below is from the reference sequence of NM_017575. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCTTCCTCACGTGGGCCAGGTGGGCAGGGAGCCACACTGGGGCCCCCCCCCGTGGAACCGTTCC
TGAAAGGCCACCAAGCGCCAGTGTAGCACGGAAGATGCCACGTGCCTGAGCCACCAATCCACCCAGA
CAATAAACCATCCTCTTCCAACCCACGCCACGCCATGCTGTGGGGACCTGCTCCTCACAGAGCCCT
CCCAAGGATCGGGCGGAAGCTGCTGGGACCCTCCTGGGCTGCCAGGATTTAGCAGGGAGGTGGCTGGCT
ACAGCAACAGCAGCTGGGCAAGCCAGATAGGCCGCCATGCTCTCAGCCTTTCTCCCTCCCCGTCTCA
TTCCAAGGCTGAGGGAGGGCCTTCTCGCTGGGACGCAGCCACTTTCTCCAGTGGAGACAGGGCAGGG
GTTCTGAGTTTCCGTGAGTGCAGTGAAATCACAGTTCCTTTTCATCTTCAGAACCTCTGCTGTAATG
TGTTCAAGAGGCTTTGGTTAAGTCAGGAAGAAGTGCCAGGGTGTGTGTCCCACTCTCCCTGAGGCCT
GGAATCGCCCATGAACCAAGTCGGCTTCTAGACAGCATGTCCTAACAGCAGCCCTGGGCCCCACCT
CTTCTACCATCCACCCAGACTTACCACACACCTTCTGCTGCTCCTTCTGCTGCTTATCAACCTG
GGTCCCTCACACTTCGCCAGTTGCGTCCCCGTGGACAGTCATGAGTCTAGAGGAAAGGGGCATCTGGTC
TCAGGCCCGTGTCTCGGTGGCTCCACCTGCTCCCTCTCTCCTCACTGGCCTTTCTTTCCGTCTAGC
TTCCTCTTCAGGAAATGCTGACTCCCTCAGTCCCTTACCCCTCCTTGCCCGCTACCTCCC
TCCAGAATAGCCCTCACCTTCTTCCCTTCTAGTTGATCCTTTTACCTCCCTGATCCCTTCATTT
CTTCACCGCGTTCTCGTCATAGGGTTCTCACTCTGAATTTCCCTCTCTACTACCATGGCAGGAA
CCTAGTACAGTCTCCACCCAGGGCCTTCCACCTCGGCTCCTGTGCTGGGAGAACTTCCAGGCGTG
GACAGCCAGCCTGAGGCATTCCAGTGTGGGGACCGTCGCCTAACCTGGTTTCTAGCTTTGCCCTCA
CTCCCCGAAAAAAGTGAAGTGAACAGGGGCCCTTTCTTGCCCTTTAGCTGGTACCTCAGTGGGA
GGCTTCTTACCAAGAATGAGTTCTGAAACCCAGGGCCAGAGACAAGGACAAGTGGGGAAGACGGG
GTTTTCGGTGGAGCCAGGGGCAATCTTAATGGGACAGTGGGGGATACCCAGAGCCCATGGCTGAC
TGCACAGCCTGCCTGGAGGATGGGTGCGCAGCTCTGCCCTCCCTGAGGCCAGGACTATGCCAGAAGCG
ATGGGGTACCGTGTAGGGGAGCCAAGGCCAGTAGTTTGGGGTAGGAGTCCCTAGAGTCTCAGAAGAC
TGGGCTCTTTGGAGTACAGGGTCCCGGCTCTCCTTTAAGATTCTCTCCCACTGGAAGGCCGATGA
CTGGGTGGTGGGAGGGAGACCCAGCTCTCCTTTCTGTCCGTTTGACGACTGGTTTTGTTTCTTAA
TAAATTTTATGTTATGAACATA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_017575.5](#)

Summary:	This gene encodes a component of the telomerase ribonucleoprotein complex responsible for the replication and maintenance of chromosome ends. The encoded protein also plays a role in the nonsense-mediated mRNA decay (NMD) pathway, providing the endonuclease activity near the premature translation termination codon that is needed to initiate NMD. Alternatively spliced transcript variants encoding distinct protein isoforms have been described. [provided by RefSeq, Feb 2014]
Locus ID:	23293
MW:	59.8