

Product datasheet for **SC201549**

MON1A (NM_001142501) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MON1A (NM_001142501) Human 3' UTR Clone
Symbol:	MON1A
Synonyms:	SAND1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001142501
Insert Size:	171 bp
Insert Sequence:	>SC201549 3'UTR clone of NM_001142501 The sequence shown below is from the reference sequence of NM_001142501. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CTCTTCATTCTCACGCCCTCACCTAT TGA TGGGAATGTGTGCGGGCTCAGCCTTCTGGACACACTAG GTGTGGGAAGCCATAGGAGCCTCCAGATGGGGCTGGCCTCTTGTCCCAGCCAGCGGCAGGGACTGT GGGTTGGTGAATGCATTAAGTGCTTTGGGGAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u>NM_001142501.2</u>



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Summary: Plays an important role in membrane trafficking through the secretory apparatus. Not involved in endocytic trafficking to lysosomes (By similarity). Acts in concert with CCZ1, as a guanine exchange factor (GEF) for RAB7, promotes the exchange of GDP to GTP, converting it from an inactive GDP-bound form into an active GTP-bound form (PubMed:23084991). [UniProtKB/Swiss-Prot Function]

Locus ID: 84315

MW: 6.3