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Product datasheet for SC207475

Atrophin 1 (ATN1) (NM_001007026) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	Atrophin 1
Synonyms:	B37; CHEDDA; D12S755E; DRPLA; HRS; NOD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001007026
Insert Size:	571 bp

Insert Sequence:

>SC207475 3'UTR clone of NM_001007026
The sequence shown below is from the reference sequence of NM_001007026. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGAAGAAGGAAAGCGACAAGCCACTGTAGAACCTGCGATCAAGAGAGCACCATGGCTCCTACATTGGA
CCTTGGAGCACCCCCACCCTCCCCCCACCGTGCCCTTGGCCTGCCACCCAGAGCCAAGAGGGTGCTGCT
CAGTTGCAGGGCCTCCGCAGCTGGACAGAGAGTGGGGGAGGGAGGGACAGACAGAAGGCCAAGGCCCGA
TGTGGTGTGCAGAGGTGGGGAGGTGGCGAGGATGGGGACAGAAAGCGCACAGAATCTTGGACCAGGTCT
CTCTTCCTTGTCCCCCCTGCTTTTCTCCTCCCCCATGCCCAACCCCTGTGGCCGCCGCCCCTCCCCTGC
CCCGTTGGTGTGATTATTTCATCTGTTAGATGTGGCTGTTTTGCGTAGCATCGTGTGCCACCCCTGCCC
CTCCCCGATCCCTGTGTGCGCGCCCCCTCTGCAATGTATGCCCCTTGCCCCTTCCCCACACTAATAATT
TATATATATAAATATCTATATGACGCTCTTAAAAAAACATCCCAACCAAAACCAACCAAACAAAAACAT
CCTCACAACTCCCCAGGAA
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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001007026.2

Summary: Dentatorubral pallidoluysian atrophy (DRPLA) is a rare neurodegenerative disorder characterized by cerebellar ataxia, myoclonic epilepsy, choreoathetosis, and dementia. The disorder is related to the expansion from 7-35 copies to 49-93 copies of a trinucleotide repeat (CAG/CAA) within this gene. The encoded protein includes a serine repeat and a region of alternating acidic and basic amino acids, as well as the variable glutamine repeat. Alternative splicing results in two transcripts variants that encode the same protein. [provided by RefSeq, Jul 2016]

Locus ID: 1822

MW: 21.1