

Product datasheet for **SC203736**

Profilin 1 (PFN1) (NM_005022) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Profilin 1 (PFN1) (NM_005022) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PFN1
Synonyms:	ALS18
ACCN:	NM_005022
Insert Size:	278 bp
Insert Sequence:	>SC203736 3'UTR clone of NM_005022

The sequence shown below is from the reference sequence of NM_005022. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCTCCCACCTTCGGCGTTCAGTACTGACCTCGTCTGTCCCTCCCTTCACCGCTCCCCACAGCTT
TGCACCCCTTTCCTCCCATACACACAAAACCATTTTATTTTTGGGCCATTACCCCATACCCCTTAT
TGCTGCCAAAACCATGGGCTGGGGCCAGGGCTGGATGGACAGACACCTCCCTTACCCATATCCCT
CCCGTGTGTGGTGGAAAACCTTTGTTTTTGGGGTTTTTTTTTCTGAATAAAAAAGATTCTACTAAC
AA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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:	NM_005022.4



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Summary: This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1. [provided by RefSeq, Jul 2012]

Locus ID: 5216

MW: 10.5