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# Product datasheet for SC204904

## Filamin A (FLNA) (NM_001110556) Human 3' UTR Clone

### Product data:

**Product Type:** 3' UTR Clones

**Product Name:** Filamin A (FLNA) (NM_001110556) Human 3' UTR Clone

**Vector:** pMirTarget (PS100062)

**Symbol:** FLNA

**Synonyms:** ABP-280; ABPX; CSBS; CVD1; FGS2; FLN; FLN-A; FLN1; FMD; MNS; NHBP; OPD; OPD1; OPD2; XLVD; XMVD

**ACCN:** NM_001110556

**Insert Size:** 348 bp

**Insert Sequence:**

>SC204904 3'UTR clone of NM_001110556
The sequence shown below is from the reference sequence of NM_001110556. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCAGCCCCTACCGCGTTGTGGTGCCCTGAGTCTGGGGCCCGTGCCAGCCGGCAGCCCCCAAGCCTGCC
CCGCTACCCAAGCAGCCCCGCCCTCTTCCCCTCAACCCCGGCCCAGGCCGCCCTGGCCGCCCGCCTGTC
ACTGCAGCCGCCCCTGCCCTGTGCCGTGCTGCGCTCACCTGCCTCCCCAGCCAGCCGCTGACCTCTCGG
CTTTCACTTGGGCAGAGGGAGCCATTTGGTGGCGCTGCTTGTCTTCTTTGGTTCTGGGAGGGGTGAGGG
ATGGGGGTCCTGTACACAACCACCCACTAGTTCTCTTCTCCAGCCAAGAGGAATAAAGTTTTGCTTCCA
TTC
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_001110556.2

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**Summary:** The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2009]

**Locus ID:** 2316

**MW:** 12.3