

Product datasheet for **SC202486**

ASPM (NM_018136) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ASPM (NM_018136) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ASPM
Synonyms: ASP; Calmbp1; MCPH5
ACCN: NM_018136
Insert Size: 222 bp
Insert Sequence: >SC202486 3' UTR clone of NM_018136
The sequence shown below is from the reference sequence of NM_018136. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TGGTGATGGATACGCTTGGCATTCTTAT**TAG**TAAATGTA AACATTTTCAGTATGTATAGTGTAAGAAA
TATTAAGCCAATCATGAGTACGTAAAGTGATTTTGGCTCCGTGTACAACATTTTAAAACTGACTTTG
TTTTAAAAAACATAAACTGTTTCATTACATTCTTCATTTTATCATTTATAGTTTATGCATGTAATAAA
CTAATATGTCAT

ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCG

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_018136.4](#)



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Summary: This gene is the human ortholog of the *Drosophila melanogaster* 'abnormal spindle' gene (*asp*), which is essential for normal mitotic spindle function in embryonic neuroblasts. Studies in mouse also suggest a role of this gene in mitotic spindle regulation, with a preferential role in regulating neurogenesis. Mutations in this gene are associated with microcephaly primary type 5. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]

Locus ID: 259266