

Product datasheet for **RC214770L1V**

ASPM (NM_018136) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ASPM (NM_018136) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ASPM
Synonyms:	ASP; Calmbp1; MCPH5
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_018136
ORF Size:	10431 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214770).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_018136.4
RefSeq Size:	10906 bp
RefSeq ORF:	10434 bp
Locus ID:	259266
UniProt ID:	Q8IZT6
Cytogenetics:	1q31.3
Domains:	IQ, CH
Protein Families:	Druggable Genome



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MW: 409.8 kDa

Gene 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]