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Product datasheet for RC231409L3V

Ensconsin (MAP7) (NM_001198608) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ensconsin (MAP7) (NM_001198608) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ensconsin
Synonyms:	E-MAP-115; EMAP115
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001198608
ORF Size:	2313 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC231409).`
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_001198608.1, NP_001185537.1
RefSeq ORF:	2316 bp
Locus ID:	9053
UniProt ID:	Q14244
Cytogenetics:	6q23.3
Protein Families:	Druggable Genome
MW:	87.4 kDa

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Gene Summary: The product of this gene is a microtubule-associated protein that is predominantly expressed in cells of epithelial origin. Microtubule-associated proteins are thought to be involved in microtubule dynamics, which is essential for cell polarization and differentiation. This protein has been shown to be able to stabilize microtubules, and may serve to modulate microtubule functions. Studies of the related mouse protein also suggested an essential role in microtubule function required for spermatogenesis. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]