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Product datasheet for RC224870L3V

SPAG11B (NM_058206) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPAG11B (NM_058206) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPAG11B
Synonyms:	EDDM2B; EP2; EP2C; EP2D; HE2; HE2C; SPAG11; SPAG11A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_058206
ORF Size:	150 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224870).`
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_058206.3
RefSeq Size:	520 bp
RefSeq ORF:	153 bp
Locus ID:	10407
UniProt ID:	Q08648
Cytogenetics:	8p23.1
Protein Families:	Secreted Protein
MW:	5.7 kDa

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Gene Summary: This gene encodes several androgen-dependent, epididymis-specific secretory proteins. The specific functions of these proteins have not been determined, but they are thought to be involved in sperm maturation. Some of the isoforms contain regions of similarity to beta-defensins, a family of antimicrobial peptides. The gene is located on chromosome 8p23 near the defensin gene cluster. Alternative splicing of this gene results in seven transcript variants encoding different isoforms. Two different N-terminal and five different C-terminal protein sequences are encoded by the splice variants. Two additional variants have been described, but their full length sequences have not been determined. [provided by RefSeq, Jul 2008]