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Product datasheet for RC206458L3V

SPINLW1 (EPPIN) (NM_020398) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPINLW1 (EPPIN) (NM_020398) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPINLW1
Synonyms:	CT71; CT72; dJ461P17.2; SPINLW1; WAP7; WFDC7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_020398
ORF Size:	399 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206458).`
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_020398.2
RefSeq Size:	1998 bp
RefSeq ORF:	402 bp
Locus ID:	57119
UniProt ID:	O95925
Cytogenetics:	20q13.12
Protein Families:	Secreted Protein
MW:	15.3 kDa

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Gene Summary: This gene encodes an epididymal protease inhibitor, which contains both kunitz-type and WAP-type four-disulfide core (WFDC) protease inhibitor consensus sequences. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene is a member of the WFDC gene family and belongs to the telomeric cluster. The protein can inhibit human sperm motility and exhibits antimicrobial activity against E. coli, and polymorphisms in this gene are associated with male infertility. Read-through transcription also exists between this gene and the downstream WFDC6 (WAP four-disulfide core domain 6) gene. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014]