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Product datasheet for RC215390L1V

Syntenin (SDCBP) (NM_005625) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntenin (SDCBP) (NM_005625) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Syntenin
Synonyms:	MDA-9; MDA9; ST1; SYCL; TACIP18
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005625
ORF Size:	894 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC215390).`
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_005625.3
RefSeq Size:	2173 bp
RefSeq ORF:	897 bp
Locus ID:	6386
UniProt ID:	O00560
Cytogenetics:	8q12.1
Domains:	PDZ
Protein Families:	Druggable Genome, Transmembrane

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MW: 32.4 kDa

Gene Summary: The protein encoded by this gene was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein may also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation of transcription factors. The protein is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus. Alternative splicing results in multiple transcript variants encoding different isoforms. Related pseudogenes have been identified on multiple chromosomes. [provided by RefSeq, Jan 2017]