

Product datasheet for RC215390L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Syntenin (SDCBP) (NM_005625) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Syntenin (SDCBP) (NM_005625) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Syntenin

Synonyms: MDA-9; MDA9; ST1; SYCL; TACIP18

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC215390).

Sequence:

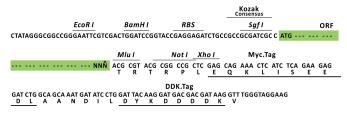
Cloning Scheme:

Restriction Sites:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu 1

GGG ATC GC ATG ---//--- NNN ACG CGT ---



st The last codon before the Stop codon of the ORF.

ACCN: NM_005625

ORF Size: 894 bp





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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 005625.3</u>

 RefSeq Size:
 2173 bp

 RefSeq ORF:
 897 bp

 Locus ID:
 6386

 UniProt ID:
 000560

Domains: PDZ

Cytogenetics:

Protein Families: Druggable Genome, Transmembrane

8q12.1

MW: 32.4 kDa

Gene Summary: The protein encoded by this gene was initially identified as a molecule linking syndecan-

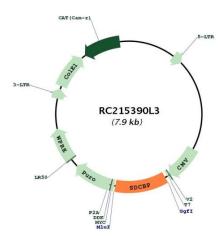
mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein may also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation 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]



Product images:



Circular map for RC215390L3