

Product datasheet for **RC201160L4V**

Syntenin 2 (SDCBP2) (NM_080489) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntenin 2 (SDCBP2) (NM_080489) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Syntenin 2
Synonyms:	SITAC; SITAC18; ST-2; ST2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080489
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201160).
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_080489.3
RefSeq Size:	1475 bp
RefSeq ORF:	879 bp
Locus ID:	27111
UniProt ID:	Q9H190
Cytogenetics:	20p13
MW:	31.4 kDa



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Gene Summary:

The protein encoded by this gene contains two class II PDZ domains. PDZ domains facilitate protein-protein interactions by binding to the cytoplasmic C-terminus of transmembrane proteins, and PDZ-containing proteins mediate cell signaling and the organization of protein complexes. The encoded protein binds to phosphatidylinositol 4, 5-bisphosphate (PIP2) and plays a role in nuclear PIP2 organization and cell division. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Read-through transcription also exists between this gene and the upstream FKBP1A (FK506 binding protein 1A, 12kDa) gene, as represented in GenID:100528031. [provided by RefSeq, Sep 2011]