

## Product datasheet for **RC224421L4V**

### Syntrophin (SNTB1) (NM\_021021) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntrophin (SNTB1) (NM_021021) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Syntrophin
Synonyms:	59-DAP; A1B; BSYN2; DAPA1B; SNT2; SNT2B1; TIP-43
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021021
ORF Size:	1614 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224421).
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. <a href="#">More info</a>
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:	<a href="#">NM_021021.2</a>
RefSeq Size:	2978 bp
RefSeq ORF:	1617 bp
Locus ID:	6641
UniProt ID:	<a href="#">Q13884</a>
Cytogenetics:	8q24.12
Domains:	PDZ, PH
MW:	57.9 kDa



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**Gene Summary:**

Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. The protein encoded by this gene is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes. [provided by RefSeq, Jul 2008]