

## Product datasheet for **RC222425L3V**

### Synphilin 1 (SNCAIP) (NM\_005460) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Synphilin 1 (SNCAIP) (NM_005460) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Synphilin 1
Synonyms:	Sph1; SYPH1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005460
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222425).
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_005460.2</a>
RefSeq Size:	3569 bp
RefSeq ORF:	2760 bp
Locus ID:	9627
UniProt ID:	<a href="#">Q9Y6H5</a>
Cytogenetics:	5q23.2
Domains:	ANK
Protein Pathways:	Parkinson's disease



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**MW:** 100.9 kDa

**Gene Summary:** This gene encodes a protein containing several protein-protein interaction domains, including ankyrin-like repeats, a coiled-coil domain, and an ATP/GTP-binding motif. The encoded protein interacts with alpha-synuclein in neuronal tissue and may play a role in the formation of cytoplasmic inclusions and neurodegeneration. A mutation in this gene has been associated with Parkinson's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]