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Product datasheet for RC216742L4V

Symplekin (SYMPK) (NM_004819) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Symplekin (SYMPK) (NM_004819) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Symplekin
Synonyms:	Pta1; SPK; SYM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004819
ORF Size:	3822 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216742).
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_004819.2
RefSeq Size:	4188 bp
RefSeq ORF:	3825 bp
Locus ID:	8189
UniProt ID:	Q92797
Cytogenetics:	19q13.32
Protein Pathways:	Tight junction
MW:	141 kDa

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Gene Summary: This gene encodes a nuclear protein that functions in the regulation of polyadenylation and promotes gene expression. The protein forms a high-molecular weight complex with components of the polyadenylation machinery. It is thought to serve as a scaffold for recruiting regulatory factors to the polyadenylation complex. It also participates in 3'-end maturation of histone mRNAs, which do not undergo polyadenylation. The protein also localizes to the cytoplasmic plaques of tight junctions in some cell types. [provided by RefSeq, Jul 2008]