

Product datasheet for **RC209406L3V**

Selenophosphate synthetase 1 (SEPHS1) (NM_012247) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Selenophosphate synthetase 1 (SEPHS1) (NM_012247) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Selenophosphate synthetase 1
Synonyms:	SELD; SPS; SPS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012247
ORF Size:	1176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209406).
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_012247.3 , NP_036379.2
RefSeq Size:	3275 bp
RefSeq ORF:	1179 bp
Locus ID:	22929
UniProt ID:	P49903
Cytogenetics:	10p13
Domains:	AIRS



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Protein Families: Stem cell - Pluripotency

Protein Pathways: Metabolic pathways, Selenoamino acid metabolism

MW: 42.9 kDa

Gene Summary: This gene encodes an enzyme that synthesizes selenophosphate from selenide and ATP. Selenophosphate is the selenium donor used to synthesize selenocysteine, which is co-translationally incorporated into selenoproteins at in-frame UGA codons. [provided by RefSeq, Sep 2010]