

Product datasheet for **RC230415L4V**

Granuphilin (SYTL4) (NM_001174068) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Granuphilin
Synonyms:	SLP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174068
ORF Size:	2013 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC230415).

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_001174068.1](#), [NP_001167539.1](#)

RefSeq Size: 3767 bp

RefSeq ORF: 2016 bp

Locus ID: 94121

UniProt ID: [Q96C24](#)

Cytogenetics: Xq22.1



MW: 76 kDa

Gene Summary: This gene encodes a member of the synaptotagmin like protein family. Members of this family are characterized by an N-terminal Rab27 binding domain and C-terminal tandem C2 domains. The encoded protein binds specific small Rab GTPases and is involved in intracellular membrane trafficking. This protein binds Rab27 and may be involved in inhibiting dense core vesicle exocytosis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Mar 2010]