

Product datasheet for **RC229543L3V**

APEG1 (SPEG) (NM_001173476) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	APEG1
Synonyms:	APEG-1; APEG1; BPEG; CNM5; MYLK6; SPEGalpha; SPEGbeta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001173476
ORF Size:	339 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC229543).

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_001173476.1
RefSeq ORF:	342 bp
Locus ID:	10290
UniProt ID:	Q15772
Cytogenetics:	2q35
MW:	13.1 kDa



Gene Summary:

This gene encodes a protein with similarity to members of the myosin light chain kinase family. This protein family is required for myocyte cytoskeletal development. Along with the desmin gene, expression of this gene may be controlled by the desmin locus control region. Mutations in this gene are associated with centronuclear myopathy 5. [provided by RefSeq, Jun 2016]