

Product datasheet for **RC221700L1V**

SPFH2 (ERLIN2) (NM_007175) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPFH2 (ERLIN2) (NM_007175) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPFH2
Synonyms:	C8orf2; Erlin-2; NET32; SPFH2; SPG18
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_007175
ORF Size:	1017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221700).
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_007175.5
RefSeq Size:	4767 bp
RefSeq ORF:	1020 bp
Locus ID:	11160
UniProt ID:	O94905
Cytogenetics:	8p11.23
Domains:	Band_7
MW:	37.7 kDa



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Gene Summary:

This gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is localized to lipid rafts of the endoplasmic reticulum and plays a critical role in inositol 1,4,5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in this gene are a cause of spastic paraplegia-18 (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]