

Product datasheet for **RC224942L4V**

Reticulon 2 (RTN2) (NM_206900) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Reticulon 2 (RTN2) (NM_206900) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Reticulon 2
Synonyms:	NSP2; NSPL1; NSPLI; SPG12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_206900
ORF Size:	1416 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224942).
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_206900.1
RefSeq Size:	2100 bp
RefSeq ORF:	1419 bp
Locus ID:	6253
UniProt ID:	O75298
Cytogenetics:	19q13.32
Protein Families:	Transmembrane
MW:	51.2 kDa



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Gene Summary:

This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. Reticulon proteins also play an important role in the replication of positive-strand RNA (ssRNA) viruses. Mutations at this locus have been associated with autosomal dominant spastic paraplegia-12. [provided by RefSeq, Aug 2020]