

Product datasheet for **RC213843L4V**

Nesprin 2 (SYNE2) (NM_182910) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nesprin 2 (SYNE2) (NM_182910) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nesprin 2
Synonyms:	EDMD5; KASH2; Nesp2; Nesprin-2; NUA; NUANCE; SYNE-2; TROPH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182910
ORF Size:	1287 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213843).
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_182910.1 , NP_878914.1
RefSeq Size:	3103 bp
RefSeq ORF:	1290 bp
Locus ID:	23224
UniProt ID:	Q8WXH0
Cytogenetics:	14q23.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	48 kDa



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Gene Summary:

The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]