

Product datasheet for **RC215288L4V**

Desmuslin (SYNM) (NM_145728) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Desmuslin (SYNM) (NM_145728) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Desmuslin
Synonyms:	DMN; SYN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145728
ORF Size:	4695 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215288).
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_145728.1
RefSeq Size:	7343 bp
RefSeq ORF:	4698 bp
Locus ID:	23336
UniProt ID:	O15061
Cytogenetics:	15q26.3
MW:	172.7 kDa


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Gene Summary:

The protein encoded by this gene is an intermediate filament (IF) family member. IF proteins are cytoskeletal proteins that confer resistance to mechanical stress and are encoded by a dispersed multigene family. This protein has been found to form a linkage between desmin, which is a subunit of the IF network, and the extracellular matrix, and provides an important structural support in muscle. Two alternatively spliced variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]