

Product datasheet for **MR227515L4V**

Eln (NM_007925) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eln (NM_007925) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Eln
Synonyms:	AI385707; AI480567; E030024M20Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007925
ORF Size:	2580 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227515).
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_007925.3 , NP_031951.2
RefSeq Size:	3781 bp
RefSeq ORF:	2583 bp
Locus ID:	13717
UniProt ID:	P54320
Cytogenetics:	5 74.76 cM



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Gene Summary:

This gene encodes elastin, the extracellular matrix protein that forms a major structural component of several tissues including lungs and arterial walls. Cleavage of the signal peptide from the encoded precursor generates soluble tropoelastin which undergoes lysine-derived crosslinking to form elastin polymers. Mice lacking the encoded protein exhibit defective lung development, and die of an obstructive arterial disease resulting from subendothelial cell proliferation and reorganization of smooth muscle. [provided by RefSeq, Aug 2015]