

Product datasheet for **MR226107L4V**

Fbln5 (NM_011812) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fbln5 (NM_011812) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fbln5
Synonyms:	A55; DANCE; EVEC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011812
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226107).
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_011812.3
RefSeq Size:	5893 bp
RefSeq ORF:	1347 bp
Locus ID:	23876
UniProt ID:	Q9WVH9
Cytogenetics:	12 E



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Gene Summary:

Essential for elastic fiber formation, is involved in the assembly of continuous elastin (ELN) polymer and promotes the interaction of microfibrils and ELN (By similarity). Stabilizes and organizes elastic fibers in the skin, lung and vasculature. Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Vascular ligand for integrin receptors which may play a role in vascular development and remodeling (PubMed:11805835). May act as an adapter that mediates the interaction between FBN1 and ELN (By similarity). [UniProtKB/Swiss-Prot Function]