

## Product datasheet for **MR224923L4V**

### Aspn (NM\_001172481) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Aspn (NM_001172481) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Aspn
Synonyms:	4631401G09Rik; AA986886; PL; Plap1; SL; Slrr1c
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001172481
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224923).
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. <a href="#">More info</a>
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:	<a href="#">NM_001172481.1</a> , <a href="#">NP_001165952.1</a>
RefSeq Size:	2345 bp
RefSeq ORF:	1122 bp
Locus ID:	66695
UniProt ID:	<a href="#">Q99MQ4</a>
Cytogenetics:	13 A5



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**Gene Summary:**

This gene encodes a member of the small leucine-rich proteoglycan family. The encoded protein is an extracellular matrix protein that modulates the transforming growth factor-beta signaling pathway, regulating cartilage matrix gene expression and cartilage formation. The protein plays a role in the pathology of osteoarthritis. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]