

Product datasheet for **MR215466L4V**

Metrn (NM_133719) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Metrn (NM_133719) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Metrn
Synonyms:	1810034B16Rik; EyeLinc16; Hyrac
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133719
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215466).
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_133719.2 , NP_598480.1
RefSeq Size:	1363 bp
RefSeq ORF:	876 bp
Locus ID:	70083
UniProt ID:	Q8C1Q4
Cytogenetics:	17 A3.3



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Gene Summary:

Involved in both glial cell differentiation and axonal network formation during neurogenesis. Promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Also induces axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia.[UniProtKB/Swiss-Prot Function]