

Product datasheet for **MR224675L4V**

Masp2 (NM_010767) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Masp2 (NM_010767) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Masp2
Synonyms:	MAP19; MASP-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010767
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224675).
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_010767.3 , NP_034897.1
RefSeq Size:	744 bp
RefSeq ORF:	558 bp
Locus ID:	17175
UniProt ID:	Q91WPO
Cytogenetics:	4 E2



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Gene Summary:

Serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. After activation by auto-catalytic cleavage it cleaves C2 and C4, leading to their activation and to the formation of C3 convertase (By similarity).
[UniProtKB/Swiss-Prot Function]