

Product datasheet for **MR217607L4V**

Syng1 (NM_009303) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syng1 (NM_009303) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Syng1
Synonyms:	p29; R75468; Syng1b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009303
ORF Size:	573 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217607).
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_009303.2 , NP_033329.1
RefSeq Size:	818 bp
RefSeq ORF:	576 bp
Locus ID:	20972
UniProt ID:	O55100
Cytogenetics:	15 E1



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Gene Summary:

May play a role in regulated exocytosis. Modulates the localization of synaptophysin/SYP into synaptic-like microvesicles and may therefore play a role in synaptic-like microvesicle formation and/or maturation (By similarity). Involved in the regulation of short-term and long-term synaptic plasticity (PubMed:10595519).[UniProtKB/Swiss-Prot Function]