

Product datasheet for **MR205354L4V**

Sh3gl2 (NM_019535) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sh3gl2 (NM_019535) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sh3gl2
Synonyms:	9530001L19Rik; AI120490; AW555077; B930049H17Rik; EEN-B1; Sh3d2a; SH3PA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019535
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205354).
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_019535.2 , NP_062408.2
RefSeq Size:	2817 bp
RefSeq ORF:	1059 bp
Locus ID:	20404
UniProt ID:	Q62420
Cytogenetics:	4 40.23 cM



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Gene Summary:

Implicated in synaptic vesicle endocytosis. May recruit other proteins to membranes with high curvature. Required for BDNF-dependent dendrite outgrowth (PubMed:21849472). Cooperates with SH3GL2 to mediate BDNF-NTRK2 early endocytic trafficking and signaling from early endosomes (PubMed:21849472).[UniProtKB/Swiss-Prot Function]