

## Product datasheet for **MR211619L4V**

### **Esy1 (NM\_011843) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Esy1 (NM_011843) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Esy1
Synonyms:	Fam62a; Mbc2; vp115
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011843
ORF Size:	3276 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211619).
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_011843.2</a> , <a href="#">NP_035973.1</a>
RefSeq Size:	3687 bp
RefSeq ORF:	3279 bp
Locus ID:	23943
UniProt ID:	<a href="#">Q3U7R1</a>
Cytogenetics:	10 D3



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**Gene Summary:**

Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane (By similarity).[UniProtKB/Swiss-Prot Function]