

Product datasheet for **MR215268L4V**

Syna (NM_001013751) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syna (NM_001013751) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Syna
Synonyms:	Gm52; Gm453; syncy; syncytin-A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013751
ORF Size:	1851 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215268).
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_001013751.2 , NP_001013773.1
RefSeq Size:	2918 bp
RefSeq ORF:	1854 bp
Locus ID:	214292
UniProt ID:	Q5G5D5
Cytogenetics:	5 G2


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Gene Summary:

Many different endogenous retrovirus families are expressed in normal placental tissue at high levels, suggesting that endogenous retroviruses are functionally important in reproduction. This gene is part of a mouse endogenous retrovirus provirus on chromosome 5 that has inactivating mutations in the gag and pol genes. This gene is the envelope glycoprotein gene which appears to have been selectively preserved. The gene's protein product plays a major role in placental development and trophoblast fusion. The protein has the characteristics of a typical retroviral envelope protein, including a cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer. [provided by RefSeq, Apr 2015]