

Product datasheet for **MR216357L3V**

Grsf1 (NM_178700) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Grsf1 (NM_178700) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Grsf1
Synonyms:	BB232551; C80280; D5Wsu31e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178700
ORF Size:	1437 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216357).
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_178700.5 , NP_848815.2
RefSeq Size:	2753 bp
RefSeq ORF:	1440 bp
Locus ID:	231413
UniProt ID:	Q8C5Q4
Cytogenetics:	5 43.85 cM



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Gene Summary:

Regulator of post-transcriptional mitochondrial gene expression, required for assembly of the mitochondrial ribosome and for recruitment of mRNA and lncRNA. Binds RNAs containing the 14 base G-rich element. Preferentially binds RNAs transcribed from three contiguous genes on the light strand of mtDNA, the ND6 mRNA, and the long non-coding RNAs for MT-CYB and MT-ND5, each of which contains multiple consensus binding sequences (By similarity).[UniProtKB/Swiss-Prot Function]