

Product datasheet for **MR203669L4V**

Stx12 (NM_133887) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stx12 (NM_133887) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stx12
Synonyms:	AI850350; AU041521; Stx13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133887
ORF Size:	825 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203669).
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_133887.2 , NP_598648.1
RefSeq Size:	2320 bp
RefSeq ORF:	825 bp
Locus ID:	100226
UniProt ID:	Q9ER00
Cytogenetics:	4 66.01 cM



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Gene Summary:

SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network. The SNARE complex containing STX6, STX12, VAMP4 and VT11A mediates vesicle fusion (in vitro) (By similarity). Through complex formation with GRIP1, GRIA2 and NSG1 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity).[UniProtKB/Swiss-Prot Function]