

Product datasheet for MR203669L4

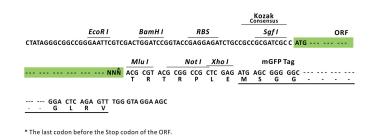
Stx12 (NM_133887) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
Stx12 (NM_133887) Mouse Tagged Lenti ORF Clone
mGFP
Stx12
Al850350; AU041521; Stx13
Puromycin
pLenti-C-mGFP-P2A-Puro (PS100093)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(MR203669).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf I ORF Mlu I GCG ATC GC ATG // NNŇ ACG CGT



ACCN: ORF Size: NM_133887 825 bp



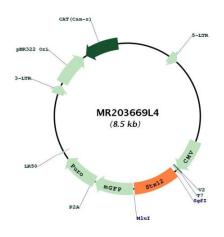
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ORIGENE Stx12	(NM_133887) Mouse Tagged Lenti ORF Clone – MR203669L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 133887.2, NP 598648.1</u>
RefSeq Size:	2320 bp
RefSeq ORF:	825 bp
Locus ID:	100226
UniProt ID:	<u>Q9ER00</u>
Cytogenetics:	4 66.01 cM
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 VTI1A 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]

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Product images:



Circular map for MR203669L4

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