

Product datasheet for **MR209328L4V**

Stxbp1 (NM_001113569) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stxbp1 (NM_001113569) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stxbp1
Synonyms:	AI317162; AI326233; MMS10-G; Ms10g; Munc-18a; Munc18-1; N-sec1; nsec1; Rb-sec1; Sxtbp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001113569
ORF Size:	1812 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209328).
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_001113569.1 , NP_001107041.1
RefSeq Size:	4005 bp
RefSeq ORF:	1812 bp
Locus ID:	20910
UniProt ID:	O08599
Cytogenetics:	2 22.09 cM



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Gene Summary:

Participates in the regulation of synaptic vesicle docking and fusion through interaction with GTP-binding proteins (By similarity). Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions (By similarity).[UniProtKB/Swiss-Prot Function]