

Product datasheet for **MR225760L4V**

Syn1 (NM_001110780) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syn1 (NM_001110780) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Syn1
Synonyms:	Syn-1; Syn1-S
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001110780
ORF Size:	2010 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225760).
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_001110780.1 , NP_001104250.1
RefSeq Size:	3211 bp
RefSeq ORF:	2013 bp
Locus ID:	20964
UniProt ID:	O88935
Cytogenetics:	X 16.37 cM



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Gene Summary:

Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. Regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxide functions at a presynaptic level.[UniProtKB/Swiss-Prot Function]