

Product datasheet for **MR222185L4V**

S100a6 (NM_011313) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S100a6 (NM_011313) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	S100a6
Synonyms:	2A9; 5B10; Cacy; CALCYCLIN; PRA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011313
ORF Size:	267 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222185).
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_011313.2 , NP_035443.1
RefSeq Size:	719 bp
RefSeq ORF:	270 bp
Locus ID:	20200
UniProt ID:	P14069
Cytogenetics:	3 39.35 cM



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Gene Summary:

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative (By similarity).[UniProtKB/Swiss-Prot Function]