

Product datasheet for **MR215144L4V**

S100a16 (NM_026416) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S100a16 (NM_026416) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	S100a16
Synonyms:	2300002L21Rik; AI325039; AI663996; DT1P1A7; S100F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026416
ORF Size:	372 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215144).
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_026416.2
RefSeq Size:	1091 bp
RefSeq ORF:	375 bp
Locus ID:	67860
UniProt ID:	Q9D708
Cytogenetics:	3 F1



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Gene Summary:

Calcium-binding protein. Binds one calcium ion per monomer (PubMed:17030513). Can promote differentiation of adipocytes (in vitro). Overexpression in 3T3-L1 preadipocytes increases their proliferation, enhances adipogenesis and reduces insulin-stimulated glucose uptake (PubMed:21266506, PubMed:23526364).[UniProtKB/Swiss-Prot Function]