

Product datasheet for **RC203879L4V**

S100A16 (NM_080388) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S100A16 (NM_080388) Human Tagged ORF Clone Lentiviral Particle
Symbol:	S100A16
Synonyms:	AAG13; DT1P1A7; S100F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080388
ORF Size:	309 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203879).
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_080388.1
RefSeq Size:	1085 bp
RefSeq ORF:	312 bp
Locus ID:	140576
UniProt ID:	Q96FQ6
Cytogenetics:	1q21.3
Domains:	EFh
MW:	11.6 kDa



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Gene Summary:

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