

Product datasheet for **RR211806L4V**

Epsti1 (NM_001044257) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Epsti1 (NM_001044257) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Epsti1
Synonyms:	RGD1563207
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001044257
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR211806).
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_001044257.1 , NP_001037722.1
RefSeq Size:	1582 bp
RefSeq ORF:	945 bp
Locus ID:	498547
UniProt ID:	Q5BK43
Cytogenetics:	15q11



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Gene Summary:

Plays a role in M1 macrophage polarization and is required for the proper regulation of gene expression during M1 versus M2 macrophage differentiation (By similarity). Might play a role in RELA/p65 and STAT1 phosphorylation and nuclear localization upon activation of macrophages (By similarity).[UniProtKB/Swiss-Prot Function]