

Product datasheet for **RC214243L2V**

PRAME (NM_006115) Human Tagged ORF Clone Lentiviral Particle

Product data:

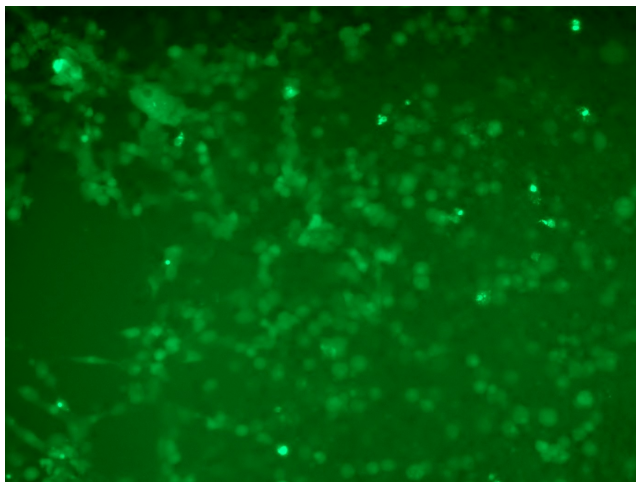
Product Type:	Lentiviral Particles
Product Name:	PRAME (NM_006115) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRAME
Synonyms:	CT130; MAPE; OIP-4; OIP4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006115
ORF Size:	1527 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214243).
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_006115.3 , NP_006106.1
RefSeq Size:	2162 bp
RefSeq ORF:	1530 bp
Locus ID:	23532
UniProt ID:	P78395
Cytogenetics:	22q11.22
MW:	57.7 kDa



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Gene Summary:

This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Product images:

[RC214243L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214243L2V particle to overexpress human PRAME-mGFP fusion protein.