

Product datasheet for **RC204190L4V**

MelanA (MLANA) (NM_005511) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MelanA (MLANA) (NM_005511) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MelanA
Synonyms:	MART-1; MART1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005511
ORF Size:	354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204190).
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_005511.1
RefSeq Size:	1524 bp
RefSeq ORF:	357 bp
Locus ID:	2315
UniProt ID:	Q16655
Cytogenetics:	9p24.1
Protein Families:	Transmembrane
MW:	13.2 kDa



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Gene Summary:

Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.[UniProtKB/Swiss-Prot Function]