

Product datasheet for **RR203842L4V**

Msh5 (NM_212536) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Msh5 (NM_212536) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Msh5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_212536
ORF Size:	2490 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203842).
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_212536.2 , NP_997701.2
RefSeq Size:	2679 bp
RefSeq ORF:	2493 bp
Locus ID:	294252
UniProt ID:	Q6MG62
Cytogenetics:	20p12
Gene Summary:	member of the mutS family of proteins; involved in DNA mismatch repair or meiotic recombination; Saccharomyces cerevisiae homolog is important for meiotic segregation fidelity and crossing-over [RGD, Feb 2006]



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