

Product datasheet for **MR220555L4V**

Polr1d (NM_009087) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Polr1d (NM_009087) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Polr1d
Synonyms:	16kD; 1110003G10Rik; AC19; mRP; RPA16; Rpo; Rpo1-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009087
ORF Size:	399 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220555).
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_009087.1
RefSeq Size:	699 bp
RefSeq ORF:	402 bp
Locus ID:	20018
UniProt ID:	P97304
Cytogenetics:	5 G3



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Gene Summary:

This gene encodes an RNA polymerase subunit that is a component of both the RNA polymerase I and RNA polymerase III complexes. RNA polymerase I is associated with transcription of pre-ribosomal RNAs, while RNA polymerase III is associated with transcription of small RNAs. Pseudogenes of this gene have been defined on chromosomes 4 and 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]