

Product datasheet for **RC224128L4V**

POLR1C (NM_004875) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POLR1C (NM_004875) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR1C
Synonyms:	RP3-337H4.4; RPA5; RPA39; RPA40; RPAC1; TCS3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004875
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224128).
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_004875.2 , NP_004866.1
RefSeq Size:	1138 bp
RefSeq ORF:	1028 bp
Locus ID:	9533
Cytogenetics:	6p21.1
Domains:	RNA_pol_A_bac
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



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Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
MW:	38.5 kDa
Gene Summary:	The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III complexes. The encoded protein is part of the Pol core element. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]