OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC202300L4V

POLR1D (NM_152705) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POLR1D (NM_152705) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLR1D
Synonyms:	AC19; POLR1C; RPA9; RPA16; RPAC2; RPC16; RPO1-3; TCS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152705
ORF Size:	366 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202300).`
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_152705.1
RefSeq Size:	2043 bp
RefSeq ORF:	369 bp
Locus ID:	51082
UniProt ID:	P0DPB5
Cytogenetics:	13q12.2
Protein Families:	Stem cell - Pluripotency, Transcription Factors

View online »

Protein Pathways:	Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase
MW:	14.3 kDa
Gene Summary:	The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2011]