

Product datasheet for **RC224489L4V**

POP5 (NM_198202) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	POP5 (NM_198202) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POP5
Synonyms:	hPop5; HSPC004; RPP2; RPP20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_198202
ORF Size:	339 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224489).
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_198202.1 , NP_937845.1
RefSeq Size:	660 bp
RefSeq ORF:	342 bp
Locus ID:	51367
UniProt ID:	Q969H6
Cytogenetics:	12q24.31
Protein Families:	Stem cell - Pluripotency
MW:	12.6 kDa



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Gene Summary:

Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:11413139, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465).
[UniProtKB/Swiss-Prot Function]