

Product datasheet for **RC203616L4V**

RPL29 (NM_000992) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RPL29 (NM_000992) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RPL29
Synonyms:	HIP; HUMRPL29; L29; RPL29P10; RPL29_3_370
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000992
ORF Size:	477 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203616).
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_000992.2
RefSeq Size:	737 bp
RefSeq ORF:	480 bp
Locus ID:	6159
UniProt ID:	P47914
Cytogenetics:	3p21.2
Domains:	Ribosomal_L29e
Protein Pathways:	Ribosome



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MW: 17.8 kDa

Gene Summary: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a cytoplasmic ribosomal protein that is a component of the 60S subunit. The protein belongs to the L29E family of ribosomal proteins. The protein is also a peripheral membrane protein expressed on the cell surface that directly binds heparin. Although this gene was previously reported to map to 3q29-qter, it is believed that it is located at 3p21.3-p21.2. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]