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Product datasheet for RC201219L4V

Pumilio 1 (PUM1) (NM_014676) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pumilio 1 (PUM1) (NM_014676) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Pumilio 1
Synonyms:	HSPUM; PUMH; PUMH1; PUML1; SCA47
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014676
ORF Size:	3558 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201219).
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_014676.2
RefSeq Size:	5410 bp
RefSeq ORF:	3561 bp
Locus ID:	9698
UniProt ID:	Q14671
Cytogenetics:	1p35.2
Domains:	PUF
MW:	126.5 kDa

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Gene Summary: This gene encodes a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of Drosophila and the fem-3 mRNA binding factor proteins of C. elegans. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]