

Product datasheet for **MR215919L4V**

Paip1 (NM_145457) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Paip1 (NM_145457) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Paip1
Synonyms:	PAIP-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145457
ORF Size:	1200 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215919).
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_145457.4 , NP_663432.1
RefSeq Size:	4676 bp
RefSeq ORF:	1203 bp
Locus ID:	218693
UniProt ID:	Q8VE62
Cytogenetics:	13 D2.3



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Gene Summary:

Acts as a coactivator in the regulation of translation initiation of poly(A)-containing mRNAs. Its stimulatory activity on translation is mediated via its action on PABPC1. Competes with PAIP2 for binding to PABPC1. Its association with EIF4A and PABPC1 may potentiate contacts between mRNA termini. May also be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain (By similarity).[UniProtKB/Swiss-Prot Function]