

Product datasheet for **RC206805L4V**

MRPP3 (KIAA0391) (NM_014672) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MRPP3 (KIAA0391) (NM_014672) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRPP3
Synonyms:	KIAA0391; MRPP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014672
ORF Size:	1749 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206805).
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_014672.2 , NP_055487.2
RefSeq Size:	2873 bp
RefSeq ORF:	1752 bp
Locus ID:	9692
UniProt ID:	O15091
Cytogenetics:	14q13.2
MW:	67.3 kDa


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Gene Summary:

Catalytic ribonuclease component of mitochondrial ribonuclease P, a complex composed of TRMT10C/MRPP1, HSD17B10/MRPP2 and MRPP3, which cleaves tRNA molecules in their 5'-ends (PubMed:18984158, PubMed:25953853). The presence of TRMT10C/MRPP1, HSD17B10/MRPP2 is required to catalyze tRNA molecules in their 5'-ends (PubMed:25953853).[UniProtKB/Swiss-Prot Function]