

Product datasheet for **RR207270L4V**

Ctps2 (NM_001034998) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ctps2 (NM_001034998) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Ctps2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001034998
ORF Size:	1758 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207270).
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_001034998.2 , NP_001030170.1
RefSeq Size:	3272 bp
RefSeq ORF:	1761 bp
Locus ID:	619580
UniProt ID:	Q5U2N0
Cytogenetics:	Xq14
Gene Summary:	Catalyzes the ATP-dependent amination of UTP to CTP with either L-glutamine or ammonia as the source of nitrogen. Constitutes the rate-limiting enzyme in the synthesis of cytosine nucleotides (By similarity).[UniProtKB/Swiss-Prot Function]



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