

Product datasheet for **MR215354L4V**

Cpa6 (NM_177834) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cpa6 (NM_177834) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cpa6
Synonyms:	9030616D13Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177834
ORF Size:	1314 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215354).
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_177834.3 , NP_808502.2
RefSeq Size:	1930 bp
RefSeq ORF:	1317 bp
Locus ID:	329093
UniProt ID:	Q5U901
Cytogenetics:	1 A2



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Gene Summary:

This gene encodes a protein that belongs to the metalloprotease family of proteins that catalyze the release of a C-terminal amino acid from the target protein. The encoded preproprotein undergoes proteolytic cleavage to yield the mature form which is thought to play a role in cell migration. In humans, this protein regulates neuropeptides in the brain and mutations in this gene are associated with a recessive familial form of febrile seizures and with temporal lobe epilepsy. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2014]