

Product datasheet for **MR226143L4V**

Cpa3 (NM_007753) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cpa3 (NM_007753) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cpa3
Synonyms:	MC-C; MC-CPA; mMC-C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007753
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226143).
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_007753.2 , NP_031779.1
RefSeq Size:	1458 bp
RefSeq ORF:	1254 bp
Locus ID:	12873
UniProt ID:	P15089
Cytogenetics:	3 6.25 cM



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Gene Summary:

This gene encodes a member of the carboxypeptidase A family of zinc metalloproteases and preproprotein that is proteolytically processed to generate a mature protein product. This product is released by mast cells and may be involved in the degradation of endogenous proteins and the inactivation of venom-associated peptides. Homozygous knockout mice for this gene exhibit impaired mast cell development. [provided by RefSeq, Aug 2015]