

Product datasheet for **MR217541L2V**

Enpp3 (NM_134005) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Enpp3 (NM_134005) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Enpp3
Synonyms:	AI876438; CD203c
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_134005
ORF Size:	2622 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217541).
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_134005.2 , NP_598766.2
RefSeq Size:	2815 bp
RefSeq ORF:	2625 bp
Locus ID:	209558
UniProt ID:	Q6DYE8
Cytogenetics:	10 A4



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Gene Summary:

Hydrolase that metabolizes extracellular nucleotides, including ATP, GTP, UTP and CTP (By similarity). Limits mast cell and basophil responses during inflammation and during the chronic phases of allergic responses by eliminating the extracellular ATP that functions as signaling molecule and activates basophils and mast cells and induces the release of inflammatory cytokines (PubMed:25692702). Metabolizes extracellular ATP in the lumen of the small intestine, and thereby prevents ATP-induced apoptosis of intestinal plasmacytoid dendritic cells (PubMed:28225814). Has also alkaline phosphodiesterase activity (By similarity).[UniProtKB/Swiss-Prot Function]