

Product datasheet for **RC206360L3V**

ENPP6 (NM_153343) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENPP6 (NM_153343) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENPP6
Synonyms:	NPP6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153343
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206360).
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_153343.2
RefSeq Size:	3936 bp
RefSeq ORF:	1323 bp
Locus ID:	133121
UniProt ID:	Q6UWR7
Cytogenetics:	4q35.1
Domains:	Phosphodiester
Protein Families:	Secreted Protein



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Protein Pathways: Ether lipid metabolism

MW: 50.2 kDa

Gene Summary: Choline-specific glycerophosphodiester phosphodiesterase. The preferred substrate may be lysosphingomyelin (By similarity). Hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid, showing it has a lysophospholipase C activity. Has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. Also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently. Hydrolyzes the classical substrate for phospholipase C, p-nitrophenyl phosphorylcholine in vitro, while it does not hydrolyze the classical nucleotide phosphodiesterase substrate, p-nitrophenyl thymidine 5'-monophosphate. Does not hydrolyze diacyl phospholipids such as phosphatidylethanolamine, phosphatidylinositol, phosphatidylserine, phosphatidylglycerol and phosphatidic acid.[UniProtKB/Swiss-Prot Function]