

Product datasheet for **RC208143L4V**

ENPP7 (NM_178543) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENPP7 (NM_178543) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENPP7
Synonyms:	ALK-SMase; E-NPP 7; NPP-7; NPP7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178543
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208143).
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_178543.3 , NP_848638.2
RefSeq Size:	1877 bp
RefSeq ORF:	1377 bp
Locus ID:	339221
UniProt ID:	Q6UWV6
Cytogenetics:	17q25.3
Protein Pathways:	Metabolic pathways, Sphingolipid metabolism
MW:	51.5 kDa



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Gene Summary:

The protein encoded by this gene is an intestinal alkaline sphingomyelin phosphodiesterase that converts sphingomyelin to ceramide and phosphocholine. The encoded protein is anchored in the cell membrane, and it may function to protect the intestinal mucosa from inflammation and tumorigenesis. This protein is glycosylated and also exhibits lysophosphatidylcholine hydrolase activity. [provided by RefSeq, Oct 2016]