

Product datasheet for **RC224818L3V**

ENPP3 (NM_005021) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENPP3 (NM_005021) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENPP3
Synonyms:	B10; CD203c; NPP3; PD-IBETA; PDNP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005021
ORF Size:	2625 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224818).
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_005021.2
RefSeq Size:	2794 bp
RefSeq ORF:	2628 bp
Locus ID:	5169
UniProt ID:	O14638
Cytogenetics:	6q23.2
Domains:	SO, Endonuclease, Phosphodiesterase
Protein Families:	Druggable Genome, Transmembrane



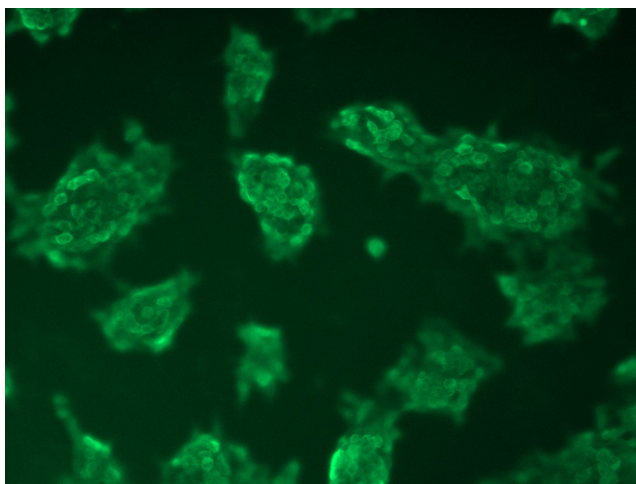
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Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism, Pantothenate and CoA biosynthesis, Purine metabolism, Riboflavin metabolism, Starch and sucrose metabolism

MW: 99.9 kDa

Gene Summary: The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Oct 2015]

Product images:



[RC224818L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC224818L3V particle to overexpress human ENPP3-Myc-DDK fusion protein.