

Product datasheet for **RC214422L4V**

ENTPD4 (NM_004901) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ENTPD4 (NM_004901) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENTPD4
Synonyms:	LALP70; LAP70; LYSAL1; NTPDase-4; UDPase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004901
ORF Size:	1848 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214422).
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_004901.1
RefSeq Size:	2330 bp
RefSeq ORF:	1851 bp
Locus ID:	9583
UniProt ID:	Q9Y227
Cytogenetics:	8p21.3
Domains:	GDA1_CD39
Protein Families:	Transmembrane



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Protein Pathways: Lysosome, Purine metabolism, Pyrimidine metabolism

MW: 70.1 kDa

Gene Summary: This gene encodes a member of the apyrase protein family. Apyrases are enzymes that catalyze the hydrolysis of nucleotide diphosphates and triphosphates in a calcium or magnesium-dependent manner. The encoded protein is an endo-apyrase and may play a role in salvaging nucleotides from lysosomes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and these isoforms may differ in divalent cation dependence and substrate specificity. [provided by RefSeq, Sep 2011]