

Product datasheet for **RC211556L4V**

ethanolamine kinase (ETNK1) (NM_001039481) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ethanolamine kinase (ETNK1) (NM_001039481) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ethanolamine kinase
Synonyms:	EKI; EKI 1; EKI1; Nbla10396
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039481
ORF Size:	774 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211556).
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_001039481.1 , NP_001034570.1
RefSeq Size:	910 bp
RefSeq ORF:	510 bp
Locus ID:	55500
UniProt ID:	Q9HBU6
Cytogenetics:	12p12.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Glycerophospholipid metabolism, Metabolic pathways



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MW: 27.8 kDa

Gene Summary: This gene encodes an ethanolamine kinase, which functions in the first committed step of the phosphatidylethanolamine synthesis pathway. This cytosolic enzyme is specific for ethanolamine and exhibits negligible kinase activity on choline. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]