

Product datasheet for **RC202406L4V**

UCK2 (NM_012474) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UCK2 (NM_012474) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UCK2
Synonyms:	TSA903; UK; UMPK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012474
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202406).
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_012474.3
RefSeq Size:	4940 bp
RefSeq ORF:	786 bp
Locus ID:	7371
UniProt ID:	Q9BZX2
Cytogenetics:	1q24.1
Domains:	PRK
Protein Families:	Druggable Genome



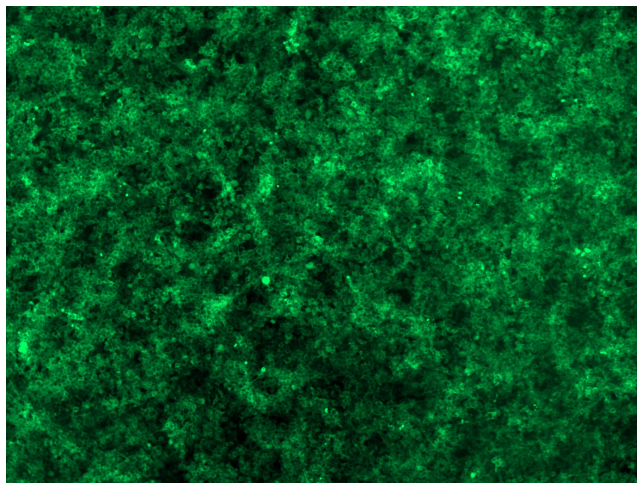
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Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

MW: 29.3 kDa

Gene Summary: This gene encodes a pyrimidine ribonucleoside kinase. The encoded protein (EC 2.7.1.48) catalyzes phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively.[provided by RefSeq, Oct 2010]

Product images:



[RC202406L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202406L4V particle to overexpress human UCK2-mGFP fusion protein.