

Product datasheet for **MR203431L3V**

Uck2 (NM_030724) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Uck2 (NM_030724) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Uck2
Synonyms:	AA407809; AI481316; AU018180; AU020720; TSA903; UK; UMK; Umpk
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_030724
ORF Size:	786 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203431).
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_030724.1 , NP_109649.1
RefSeq Size:	1338 bp
RefSeq ORF:	786 bp
Locus ID:	80914
UniProt ID:	Q99PM9
Cytogenetics:	1 H2.3



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Gene Summary:

Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate. Does not phosphorylate deoxyribonucleosides or purine ribonucleosides. Can use ATP or GTP as a phosphate donor. Can also phosphorylate cytidine and uridine nucleoside analogs such as 6-azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine (By similarity).[UniProtKB/Swiss-Prot Function]