

## Product datasheet for **RC200475L4V**

### **GALK2 (NM\_002044) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GALK2 (NM_002044) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GALK2
Synonyms:	GK2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002044
ORF Size:	1374 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200475).
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. <a href="#">More info</a>
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:	<a href="#">NM_002044.2</a>
RefSeq Size:	3330 bp
RefSeq ORF:	1377 bp
Locus ID:	2585
UniProt ID:	<a href="#">Q01415</a>
Cytogenetics:	15q21.1-q21.2
Domains:	GHMP_kinases
Protein Families:	Druggable Genome



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**Protein Pathways:** Amino sugar and nucleotide sugar metabolism, Galactose metabolism, Metabolic pathways

**MW:** 50.4 kDa

**Gene Summary:** This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. The encoded protein is a member of the GHMP kinase family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2017]