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Product datasheet for RC201724L3V

DAK (TKFC) (NM_015533) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DAK (TKFC) (NM_015533) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DAK
Synonyms:	DAK; NET45; TKFCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015533
ORF Size:	1725 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201724).
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_015533.3
RefSeq Size:	4248 bp
RefSeq ORF:	1728 bp
Locus ID:	26007
UniProt ID:	Q3LXA3
Cytogenetics:	11q12.2
Domains:	Dak1, Dak2
Protein Families:	Druggable Genome

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Protein Pathways: Glycerolipid metabolism, Metabolic pathways, RIG-I-like receptor signaling pathway

MW: 58.9 kDa

Gene Summary: This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2017]