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Product datasheet for RC209096L3V

PASK (NM_015148) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PASK (NM_015148) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PASK
Synonyms:	PASKIN; STK37
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015148
ORF Size:	3969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209096).
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_015148.2
RefSeq Size:	4588 bp
RefSeq ORF:	3972 bp
Locus ID:	23178
UniProt ID:	Q96RG2
Cytogenetics:	2q37.3
Domains:	S_TKc
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency

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MW: 142.9 kDa

Gene Summary: This gene encodes a member of the serine/threonine kinase family that contains two PAS domains. Expression of this gene is regulated by glucose, and the encoded protein plays a role in the regulation of insulin gene expression. Downregulation of this gene may play a role in type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]