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Product datasheet for RC206574L4V

SPINK1 (NM_003122) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPINK1 (NM_003122) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPINK1
Synonyms:	PCTT; PSTI; Spink3; TATI; TCP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003122
ORF Size:	237 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206574).`
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_003122.2
RefSeq Size:	438 bp
RefSeq ORF:	240 bp
Locus ID:	6690
UniProt ID:	P00995
Cytogenetics:	5q32
Protein Families:	Druggable Genome, Secreted Protein
MW:	8.51 kDa

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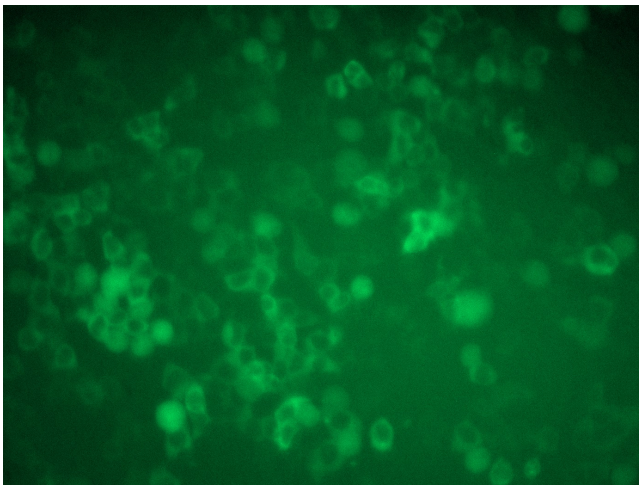
Gene Summary: The protein encoded by this gene is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq, Oct 2008]

Product images:



[RC206574L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC206574L4V particle to overexpress human SPINK1-mGFP fusion protein.