

Product datasheet for **RC220510L3V**

SPINK9 (NM_001040433) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPINK9 (NM_001040433) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPINK9
Synonyms:	LEKT12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001040433
ORF Size:	258 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220510).
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_001040433.1
RefSeq Size:	453 bp
RefSeq ORF:	261 bp
Locus ID:	643394
UniProt ID:	Q5DT21
Cytogenetics:	5q32
Protein Families:	Transmembrane
MW:	9.8 kDa


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Gene Summary:

The protein encoded by this gene is a Kazal-type serine protease inhibitor that appears to specifically target kallikrein-related peptidase 5 (KLK5) in the palmo-plantar epidermis. KLK5 is an important initiator of skin desquamation, so the encoded protease inhibitor may regulate skin differentiation in the palms of hands and soles of feet. This cationic protein has also been shown to promote keratinocyte migration by activation of the epidermal growth factor receptor (EGFR). [provided by RefSeq, Dec 2015]