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Product datasheet for SC200489

SPINK5 (NM_001127699) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SPINK5 (NM_001127699) Human 3' UTR Clone
Symbol:	SPINK5
Synonyms:	LEKTI; LETKI; NETS; NS; VAKTI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127699
Insert Size:	131 bp
Insert Sequence:	>SC200489 3'UTR clone of NM_001127699 The sequence shown below is from the reference sequence of NM_001127699. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCTCAAATAATGCAAAGGTTATTTATTAAAGGATACCAAAATAACCATTTTACTTTTCACCTTCAGAA TTTTGCATTCTTCTCCAGCTTTGGGAATAATAAATATATTAATATCTTAACTTCAAAGAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001127699.2

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Summary: This gene encodes a multidomain serine protease inhibitor that contains 15 potential inhibitory domains. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may exhibit unique activities and specificities. These proteins may play a role in skin and hair morphogenesis, as well as anti-inflammatory and antimicrobial protection of mucous epithelia. Mutations in this gene may result in Netherton syndrome, a disorder characterized by ichthyosis, defective cornification, and atopy. This gene is present in a gene cluster on chromosome 5. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Locus ID: 11005

MW: 5.3