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Product datasheet for RC203060L1V

Plunc (BPIFA1) (NM_130852) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plunc (BPIFA1) (NM_130852) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Plunc
Synonyms:	bA49G10.5; LUNX; NASG; PLUNC; SPLUNC1; SPURT
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_130852
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203060).
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_130852.1
RefSeq Size:	1090 bp
RefSeq ORF:	771 bp
Locus ID:	51297
UniProt ID:	Q9NP55
Cytogenetics:	20q11.21
Protein Families:	Secreted Protein
MW:	26.7 kDa

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Gene Summary: This gene is the human homolog of murine plunc, and like the mouse gene, is specifically expressed in the upper airways and nasopharyngeal regions. The encoded antimicrobial protein displays antibacterial activity against Gram-negative bacteria. It is thought to be involved in inflammatory responses to irritants in the upper airways and may also serve as a potential molecular marker for detection of micrometastasis in non-small-cell lung cancer. Multiple transcript variants resulting from alternative splicing in the 3' UTR have been detected, but the full-length nature of only three are known. [provided by RefSeq, Aug 2014]