

## Product datasheet for **SC122850**

### Plunc (BPIFA1) (NM\_016583) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Plunc (BPIFA1) (NM\_016583) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BPIFA1  
**Synonyms:** bA49G10.5; LUNX; NASG; PLUNC; SPLUNC1; SPURT  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Cell Selection:** None  
**Fully Sequenced ORF:** >OriGene sequence for NM\_016583 edited

```
GGGGGAGTGGGGGAGAGAGAGAGAGACCAGGACAGCTGCTGAGACCTCTAAGAAGTCCAGA  
TACTAAGAGCAAAGATGTTTCAAACCTGGGGCCTCATTGTCTTCTACGGGCTGTTAGCCC  
AGACCATGGCCCAGTTTGGAGGCCTGCCCGTGCCCTGGACCAGACCCTGCCCTTGAATG  
TGAATCCAGCCCTGCCCTTGAGTCCCACAGGTCTTGCAGGAAGCTTGACAAATGCCCTCA  
GCAATGGCCTGCTGTCTGGGGCCTGTTGGCATTCTGAAAAACCTTCGCTCCTGGACA  
TCCTGAAGCCTGGAGGAGGTAATCTGGTGGCCTCCTGGGGGACTGCTTGAAAAAGTGA  
CGTCAGTGATTCCTGGCCTGAACAACATCATTGACATAAAGGTCAGTACCCCCAGCTGC  
TGGAACCTGGCCTTGTGCAGAGCCCTGATGGCCACCGTCTCTATGTCACCATCCCTCTCG  
GCATAAAGCTCCAAGTGAATACGCCCTGGTGGTGAAGTCTGTTGAGGCTGGCTGTGA  
AGCTGGACATCACTGCAGAAATCTTAGCTGTGAGAGATAAGCAGGAGAGGATCCACCTGG  
TCCTTGGTGACTGCACCCATTCCCTGGAAGCCTGCAAATTTCTCTGCTTGATGGACTTG  
GCCCCCTCCCCATTCAAGGTCTTCTGGACAGCCTCACAGGGATCTTGAATAAAGTCCCTGC  
CTGAGTTGGTTCAGGGCAACGTGTGCCCTCTGGTCAATGAGGTTCTCAGAGGCTTGACA  
TCACCCCTGGTGCATGACATTGTTAACATGCTGATCCACGGACTACAGTTTGCATCAAGG  
TCTAAGCCTTCCAGGAAGGGGCTGGCCTCTGCTGAGCTGCTTCCAGTGCTCACAGATGG  
CTGGCCCATGTGCTGGAAGATGACACAGTTGCCTTCTCTCCGAGGAACCTGCCCTCTC  
CTTCCCACAGGCGTGTAAACATCCCATGTGCCTCACCTAATAAAATGGCTCTTCTTC  
TGCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_016583 unedited NAAGTTCACATTTGTATACGATTACTATAGGCGGCACGCGAATTCGCCATTACGGCCGGG GGAGTGGGGAGAGAGATAGGAGACCAGGACAGCTGCTGAGACCTCTAAGAAGTCCAGATA CTAAGAGCAAAGATGTTTCAAAC TGGGGCCTCATTGTCTTCTACGGGCTGTAGCCCAG ACCATGGCCCAGTTTGGAGGCCTGCCCGTGCCCTGGACCAGACCCTGCCCTTGAATGTG AATCCAGCCCTGCCCTTGAGTCCCACAGGTCTTGCAGGAAGCTTGACAAATGCCCTCAGC AATGGCCTGTCTGGGGCCTGTTGGCATTCTGAAAAACCTCCGCTCCTGGACATC CTGAAGCCTGGAGGAGGTACTTCTGGTGGCCTCCTTGGGGGACTGCTTGGAAAAGTGACG TCAGTGATTCTGGCCTGAACAACATCATTGACATAAAGGTCAC T GACCCCCAGCTGCTG GAACCTGGCCTTGTGAGAGCCCTGATGGCCACCGTCTCTATGTCACCATCCCTCTCGGC ATAAAGCTCCAAGTGAATACGCCCTGGTGGTCAAGTCTGTTGAGGCTGGCTGTGAAG CTGGACATCACTGCAGAAATCTTAGCTGTGAGAGATAAGCANGAGAGGATCCACCTGGTC CTTGGTGACTGCACCCATTCCCCTGGAAGCCTGCAAATTTCTCTGCTTGTGACTTGGC CCCCTCCCATTCAAGTCTTCTGGACAGCCTCACAGGGATCCTTGATAAAGTCTGCCTG AGTTGGTT CAGGGCAACGTGTGCCCTCTGGTCAATGAGTTCTCANNAGCTGGACATCACC CTGGTGCATGACATTGTAACATGCTGATCCACGNACTAA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_016583
<b>Insert Size:</b>	1053 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>RefSeq:</b>	<a href="#">NM_016583.2</a> , <a href="#">NP_057667.1</a>
<b>RefSeq Size:</b>	1049 bp
<b>RefSeq ORF:</b>	771 bp
<b>Locus ID:</b>	51297
<b>UniProt ID:</b>	<a href="#">Q9NP55</a>
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	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] Transcript Variant: This variant (1) differs in the 3' UTR compared to variant 2. All three variants encode the same protein.