

Recombinant Full Length Human BPIFA1 Protein, C-Flag-tagged

Cat. No. BPIFA1-989HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BPIFA1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24.6 kDa
AA Sequence	MFQTGGLIVFYGLLAQTMAQFGGLPVPLDQTLPLNVNPALPLSPTGLAGSLTNALSN GLLSGGLLGILEN LPLLDILKPGGGTSGGLLGGLLGKVTSVIPGLNNIIDIKVTDPQLLE LGLVQSPDGHRLYVTIPLGIKLQ VNTPLVGASLLRLAVKLDITAEILAVRDKQERIHLV LGDCTHSPGSLQISLLDGLGPLPIQGGLDLSLTGI

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	LNKVLPELVQGNVCPLVNEVLRGLDITLVHDIVNMLIHGLQFVIKVTTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	BPIFA1 BPI fold containing family A member 1 [Homo sapiens (human)]
Official Symbol	BPIFA1
Synonyms	LUNX; NASG; PLUNC; SPURT; SPLUNC1; bA49G10.5
Gene ID	51297
mRNA Refseq	NM_016583.4

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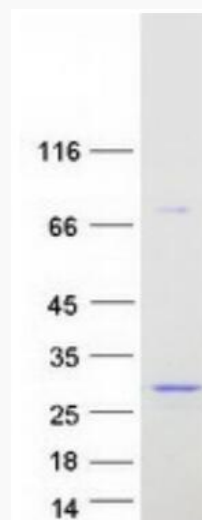
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Protein Refseq NP_057667.1

MIM 607412

UniProt ID Q9NP55



Coomassie blue staining of purified BPIFA1 protein.

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