

Recombinant Human BPIFA1 Protein, MYC/DDK-tagged

Cat. No. BPIFA1-2787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BPIFA1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	BPIFA1 BPI fold containing family A, member 1 [Homo sapiens]
Official Symbol	BPIFA1
Synonyms	bA49G10.5; LUNX; NASG; PLUNC; SPLUNC1; SPURT
Gene ID	51297
mRNA Refseq	NM_130852
Protein Refseq	NP_057667
MIM	607412
UniProt ID	Q9NP55

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