Recombinant Human PLUNC 293 Cell Lysate

Cat. No. PLUNC-3093HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for palate, lung and nasal epithelium associated (PLUNC), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	BPIFA1 BPI fold containing family A, member 1 [Homo sapiens]
Official Symbol	PLUNC
Synonyms	LUNX; NASG; PLUNC; SPURT; SPLUNC1; bA49G10.5; BPI fold-containing family A member 1; short PLUNC1; protein Plunc; von Ebner protein HI; lung-specific protein X; ligand-binding protein RYA3; tracheal epithelium enriched protein; tracheal epithelium-enriched protein; nasopharyngeal carcinoma-related protein; palate, lung and nasal epithelium associated; secretory protein in upper respiratory tracts; palate lung and nasal epithelium clone protein
Gene ID	51297
mRNA Refseq	NM_130852
Protein Refseq	NP_570913
MIM	607412
UniProt ID	Q9NP55
Chromosome Location	20q11.2
Function	lipid binding; molecular_function

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