

BPIFB1 / LPLUNC1 recombinant protein

Recombinant Human BPIFB1/LPLUNC1 Protein (His Tag)

CATALOG #
AAA173532

HOST
HEK293 Cells

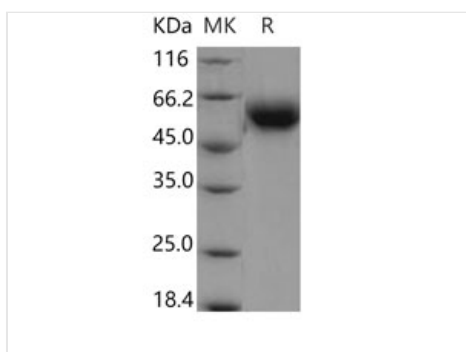
PRODUCT SYNONYMS

BPIFB1 / LPLUNC1; Recombinant Human BPIFB1/LPLUNC1 Protein (His Tag); BPIFB1; C20orf114; LPLUNC1; BPIFB1 / LPLUNC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Met1-Gln48 4
Species	Human
Tag	C-His
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	It is recommended that sterile water(70ul) be added to the vial to prepare a stock solution of 0.15mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for BPIFB1 / LPLUNC1 recombinant protein	Background: BPIFB1, also known as LPLUNC1, belongs to the BPI/LBP/Plunc superfamily, plunc family. BPIFB1 may be involved in the innate immune response to bacterial exposure in the mouth, nasal cavities, and lungs. BPIFB1 is expressed in the upper respiratory tract and oral cavity, which may function in host defence. The expression of BPIF proteins is associated with CF lung disease in humans and mice. It is unclear if this elevation of protein production, which results from phenotypic alteration of the cells within the diseased epithelium, plays a role in the pathogenesis of the disease. BPIFB1 is an abundant, secreted product of goblet cells and minor mucosal glands of the respiratory tract and oral cavity and suggest that the protein functions in the complex milieu that protects the mucosal surfaces in these locations. Description: A DNA sequence encoding the human BPIFB1 (AAH08429.1) (Met1-Gln484) was expressed with a polyhistidine tag at the C-terminus.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250058
NCBI GeneID	92747
Molecular Weight	Mol_Mass: 51.7 kDa AP_Mol_Mass: 53 kDa
NCBI Official Full Name	Chromosome 20 open reading frame 114
NCBI Official Synonym Full Names	BPI fold containing family B member 1
NCBI Official Symbol	BPIFB1
NCBI Official Synonym Symbols	LPLUNC1; C20orf114
NCBI Protein Information	BPI fold-containing family B member 1
UniProt Protein Name	BPI fold-containing family B member 1
UniProt Gene Name	BPIFB1
UniProt Synonym Gene Names	C20orf114; LPLUNC1; VEMSGP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.