

Recombinant Full Length Human BPIFB1 Protein, C-Flag-tagged

Cat. No. BPIFB1-1063HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BPIFB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene may be involved in the innate immune response to bacterial exposure in the mouth, nasal cavities, and lungs. The encoded protein is secreted and is a member of the BPI/LBP/PLUNC protein superfamily. This gene is found with other members of the superfamily in a cluster on chromosome 20.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.2 kDa
AA Sequence	MAGPWTFLLCGLLAATLIQATLSPTAVLILGPKVIEKLTQELKDHNATSILQQPLLS AMREKPAGGI PVLGSLVNTVLKHIIWLKVITANILQLQVKPSANDQELLVKIPLDMVAG FNTPLVKTIVEFHMTTEAQAT IRMDTSASGPTRLVLSDCATSHGSLRIQLLHKLSFLV NALAKQVMNLLVPSLPNLVKNQLCPVIEASFNG MYADLLQLVKVPISLSIDRLEFDLL YPAIKGDTIQLYLGAKL LDSQ GK VTKWFNNSAASLT MPTLDNIPF SLIVSQDVVKA AV AAVLSPEEFMVLLDSVLPESAHRKSSIGLINEKAADKLGSTQIVKILTQDTPEFFI DQ GHAKVAQLIVLEVFPSSSEALRPLFTLGIEASSEAQFYTKGDQLILNLNNISSDRIQLMN SGIGWFQPD

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	VLKNIITEIIHSILLPNQNGKLRSQVPSLVKALGFEEAESSLTGDALVLTPLSLWKPS PVSQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	Druggable Genome, Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	BPIFB1 BPI fold containing family B member 1 [Homo sapiens (human)]
Official Symbol	BPIFB1
Synonyms	LPLUNC1; C20orf114
Gene ID	92747
mRNA Refseq	NM_033197.3

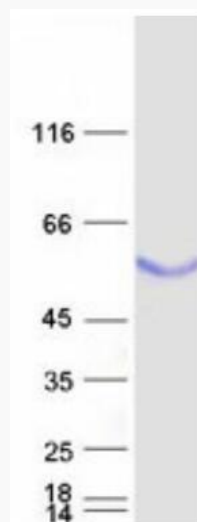
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Protein Refseq NP_149974.2

UniProt ID Q8TDL5



Coomassie blue staining of purified BPIFB1 protein.

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