

Recombinant Human BPI protein, His & GST-tagged

Cat. No. BPI-5847H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BPI aa. (Glu140~Thr250 (Accession # P17213)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu140~Thr250
Description	This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has antimicrobial activity against gram-negative organisms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

BPI bactericidal/permeability-increasing protein [Homo sapiens (human)]

Official Symbol

BPI

Synonyms

rBPI; BPIFD1; BPI fold containing family D, member 1; CAP 57; recombinant BPI holoprotein, rBPI; bactericidal permeability-increasing protein

Gene ID

671

mRNA Refseq

NM_001725.2

Protein Refseq

NP_001716.2

UniProt ID

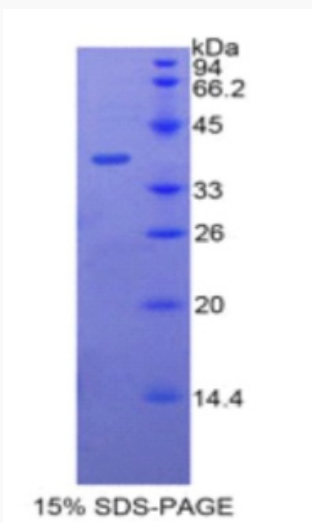
P17213

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SDS-PAGE



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