

Bactericidal/Permeability Increasing Protein (BPI) Recombinant Protein | BPI recombinant protein

Recombinant Bactericidal/Permeability Increasing Protein (BPI)

CATALOG # AAA134248	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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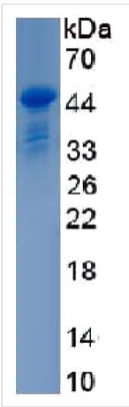
PRODUCT SYNONYMS

Bactericidal/Permeability Increasing Protein (BPI); Recombinant Bactericidal/Permeability Increasing Protein (BPI); BPI recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 500ug/mL (varies by lot)
Applicable Applications for BPI recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser320~Phe456
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree 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.

IMAGES



S KFRLLTKFFG TFLPEVAKKF PNMKIQIHVS
ASTPPHLSVQ PTGLTFYPAV DVQAFVLPN SSLASLFLIG MHTTGSNEVS
AESNRLVGEL KLDRLLELK HSNIGFPVE LLQDIMNYIV PILVLPVNE
KLQKGF

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276599
NCBI GeneID	671
NCBI Accession #	NP_001716.2
NCBI GenBank Nucleotide #	NM_001725.2
UniProt Accession #	P17213; Q1ZZU8; Q5JRW0; Q8IW58; Q9BYZ9; Q9H1L2; Q9H1M8; Q9H203; Q9UCT4; Q9UD65; B2RCY2
Molecular Weight	Predicted Molecular Mass: 45.2kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	bactericidal permeability-increasing protein
NCBI Official Synonym Full Names	bactericidal/permeability-increasing protein
NCBI Official Symbol	BPI
NCBI Official Synonym Symbols	rBPI; BPIFD1
NCBI Protein Information	bactericidal permeability-increasing protein; CAP 57; recombinant BPI holoprotein, rBPI; BPI fold containing family D, member 1
UniProt Protein Name	Bactericidal permeability-increasing protein
UniProt Gene Name	BPI
UniProt Synonym Gene Names	BPI
UniProt Entry Name	BPI_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/bpi-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134248>