

BPI recombinant protein

Recombinant Human BPI Protein

CATALOG # AAA263182	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

BPI; Recombinant Human BPI Protein; Bactericidal permeability-increasing protein; CAP 57; BPI recombinant protein

PRODUCT SPECIFICATIONS

Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 muM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	VNPGVVVRIS QKGLDYASQQ GTAALQKELK RIKIPDYS DSFKIKHLGKGH YSFYSMDIRE FQLPSSQISM VPNVGLKFSI SNANIKISGK WKAQKRFLKM SGNFDLSIEG MSISADLKLG SNPTSGKPTI TCSSCSSHIN SVHVHISKSK VGWLIQLFHK KIESALRNKM NSQVCEKVTN SVSSKLQPYF QTLPMVKID SVAGINYGLV APPATTAETL DVQMKGEFYS ENHHNPPFA PPVMEFPAAH DRMVYLG LSD YFFNTAGLVY QEAGVLKMTL RDDMIPKESK FRLTTKFFGT FLPEVAKKFP NMKIQIHVSA STPHLSVQP TGLTFYPAVD VQAFVLPNS SLASLFLIGM HTTGSMESVA ESNRLVGELK LDRLLLELKH SNIGPPFVEL LQDIMNYIVP ILVLPRVNEK LQKGFPLPTP ARVQLYNVVL QPHQNFLFG ADVVYKVDHH HHHH
Sequence Length	487
Applicable Applications for BPI recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Source	Human cells
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for BPI recombinant protein	Recombinant Human BPI Protein is produced by our mammalian expression system and the target gene encoding Val32-Lys487 is expressed with a 6His tag at the C-terminus.
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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

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
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-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263182>