



# Recombinant Human Bactericidal permeability-increasing protein (BPI)

<b>Product Code</b>	CSB-YP002783HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P17213
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	VNPGVVVRI SQKGLDYASQ QGTAALQKEL KRIKIPDYSD SFKIKHLGKG HYSFYSDIR EFQLPSSQIS MVPNVGLKFS ISNANIKISG KWKAQKRFLK MSGNFDLSIE GMSISADLKL GSNPTSGKPT ITCSSCSSHI NSVHVHISKS KVGWLIQLFH KKIESALRNK MNSQVCEKVT NSVSSSELQPY FQTLPVMTKI DSVAGINYGL VAPPATTAET LDVQMKGEFY SENHHNPPPF APPVMEFPAA HDRMVYLGLS DYFFNTAGLV YQEAGVLKMT LRDDMIPKES KFRLTTKFFG TFLPEVAKKF PNMKIQIHVS ASTPPHLSVQ PTGLTFYPAV DVQAFVLPN SSLASLFLIG MHTTGSM EVS AESNRLVGEL KLDRLLLELK HSNIGPFPVE LLQDIMNYIV PILVLP RVNE KLQKGFPLPT PARVQLYNVV LQPHQNFLLF GADV VYK
<b>Source</b>	Yeast
<b>Target Names</b>	BPI
<b>Protein Names</b>	Recommended name: Bactericidal permeability-increasing protein Short name= BPI Alternative name(s): CAP 57
<b>Expression Region</b>	32-487
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.