



Recombinant Human Bactericidal permeability-increasing protein (BPI)

Product Code	CSB-BP002783HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17213
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	VNPGVVVRI SQKGLDYASQ QGTAALQKEL KRIKIPDYSD SFKIKHLGKG HYSFYSDIR EFQLPSSQIS MVPNVGLKFS ISNANIKISG KWKAQKRFLK MSGNFDLSIE GMSISADLKL GSNPTSGKPT ITCSSCSSHI NSVHVHISKS KVGWLIQLFH KKIESALRNK MNSQVCEKVT NSVSSELQPY FQTLPVMTKI DSVAGINYGL VAPPATTAET LDVQMKGEFY SENHHNPPPF APPVMEFPAA HDRMVYLGSL DYFFNTAGLV YQEAGVLKMT LRDDMIPKES KFRLTTKFFG TFLPEVAKKF PNMKIQIHVS ASTPPHLSVQ PTGLTFYPAV DVQAFVLPN SSLASLFLIG MHTTGSMEVS AESNRLVGEL KLDRLLLELK HSNIGPFPVE LLQDIMNYIV PILVLPVNE KLQKGFPLPT PARVQLYNVV LQPHQNFLLF GADV VYK
Source	Baculovirus
Target Names	BPI
Protein Names	Recommended name: Bactericidal permeability-increasing protein Short name= BPI Alternative name(s): CAP 57
Expression Region	32-487
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms.
Reconstitution	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.
Shelf Life	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.