

Bactericidal permeability-increasing protein

Catalog No: #AP78890



Package Size: #AP78890-1 50ug #AP78890-2 100ug #AP78890-3 1mg

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Description

Product Name	Bactericidal permeability-increasing protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	194-359AA
Other Names	CAP 57
Accession No.	P17213Gene name:BPI
Uniprot	P17213
GeneID	671;
Calculated MW	18.26
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

The cytotoxic action of BPI is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. Has antibacterial activity against the Gram-negative bacterium *P.aeruginosa*, this activity is inhibited by LPS from *P.aeruginosa*.

References

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Note: This product is for in vitro research use only