

Recombinant Human BPI

Catalog No: #GP11290



Package Size: #GP11290-1 100ug

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Description

Product Name	Recombinant Human BPI
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human bactericidal/permeability-increasing protein
Target Name	bactericidal/permeability-increasing protein
Other Names	rBPI; BPIFD1
Accession No.	Swissprot:P17213Gene Accession:BC040955
Uniprot	P17213
GenID	671;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms. 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

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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