

BPI 抗原（重组蛋白）

中文名称： BPI 抗原（重组蛋白）

英文名称： BPI Antigen (Recombinant Protein)

别名： rBPI; BPIFD1

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human BPI

技术规格：

Full name:	bactericidal/permeability-increasing protein
Synonyms:	rBPI; BPIFD1
Swissprot:	P17213
Gene Accession:	BC040955
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 <i>P.aeruginosa</i> , this activity is inhibited by LPS from <i>P.aeruginosa</i> .

