Product Name: Recombinant Human BPI (C-6His)
Catalog #: PHH0131

概述（Summary）

英文全称	Bactericidal permeability-increasing protein/BPI/CAP57
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Bactericidal Permeability-increasing Protein is produced by our Mammalian expression system and the target gene encoding Val32-Lys487 is expressed with a 6His tag at the C-terminus.
Accession #	AAH40955.1
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	51.6 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of 4mM HCl.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in 4mM HCl. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in 4mM HCl. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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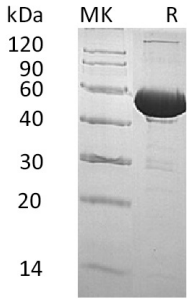

背景（Background）

分子别名（Alternative Names）	Bactericidal permeability-increasing protein; BPI; CAP57
背景介绍（References）	Bactericidal permeability-increasing protein(BPI for short), is a secreted protein which belongs to the BPI/LBP/Plunc superfamily, BPI/LBP family. It exists as a monomer or a disulfide-linked homodimer. 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. BPI has antibacterial activity against the Gram-nagative bacterium P.aeruginosa, and this activity is inhibited by LPS from P.aeruginosa.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.