

Active Recombinant Human BPI, Fc Chimera

Cat. No. BPI-175H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BPI (Accession # AAA51841) was produced in Human embryonic kidney cell, HEK293-derived.
Species	Human
Source	HEK293
Predicted N Terminal	Val32
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit LPS-induced IL-8 secretion by THP-1 human acute monocytic leukemia cells. Wilde, C.G. et al. (1994) J. Biol. Chem. 269:17411. The ED50 for this effect is typically 0.4-2.4 ng/mL.
Molecular Mass	Recombinant Human BPI, Fc Chimera has a calculated MW of 77.3 kDa (monomer). In SDS-PAGE migrates as 75-85 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	BPI bactericidal/permeability-increasing protein [Homo sapiens]
Official Symbol	BPI
Synonyms	BPI; bactericidal/permeability-increasing protein; bactericidal permeability-increasing protein; BPI fold containing family D; member 1; BPIFD1; CAP 57; recombinant BPI holoprotein, rBPI; BPI fold containing family D, member 1; rBPI;
Gene ID	671
mRNA Refseq	NM_001725
Protein Refseq	NP_001716
MIM	109195
UniProt ID	P17213
Chromosome Location	20q11.23

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