

Recombinant Mouse Bpi Protein, Myc/DDK-tagged

Cat. No. Bpi-1885M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length bactericidal permeability increasing protein (Bpi), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	54.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Bpi bactericidal permeability increasing protein [Mus musculus (house mouse)]
Official Symbol	Bpi
Synonyms	BPI; bactericidal permeability increasing protein; bactericidal permeability-increasing protein; bactericidal/permeability-increasing protein; Bpifd1; 9230105K17Rik
Gene ID	329547
mRNA Refseq	NM_177850
Protein Refseq	NP_808518
UniProt ID	Q67E05

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