

## Recombinant Rat Bpi protein, His-tagged

Cat. No. Bpi-5849R    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Bpi aa. (Asn320~Pro452 (Accession # Q6AXU0)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn320~Pro452
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	16 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	Bpi bactericidal/permeability-increasing protein [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Bpi
<b>Synonyms</b>	Bpifd1; BPI fold containing family D, member 1; bactericidal permeability-increasing protein
<b>Gene ID</b>	296321
<b>mRNA Refseq</b>	NM_001004079.1
<b>Protein Refseq</b>	NP_001004079.1
<b>UniProt ID</b>	Q6AXU0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA