



# Recombinant Rat Bactericidal permeability-increasing protein (Bpi)

<b>Product Code</b>	CSB-YP724500RA
<b>Abbreviation</b>	Bpi
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6AXU0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TDP GFVARISQKG LDFVCQESMV ELQKELLAIS IPDFSGDFKI KHLGKGTYEF YSMAVEGFHI PDPQIKLLPS DGLQLSITSA SIKISGRWKY RKNILKASGN FQLSIQGVSI IADLILGNPD SGRITITCST CDSHINSVRI KVSGSMLGWL IQLFHRKIET SLKKTIIYKKI CKIVRNSVSA KLQPYVKTLP VVAKVDDITS IDYSLAPPMT TDKFLEGQL RGEFFWRGHH GPFPVAVPPVM NILPNNNYMV CMGISDYFFN TAEFAYQESE TLKITLRDQL LAKDARYHLN TDFLKTFLPE VAKKFPSMGL QLLISAPLFA HLNIQPSGLS LSPNLETRAF VVLPNSSLIP LFLGGMKTNA SLEVNAMKNR LIGEMKLGRL LLELKQSNFG SFKVELLEDV INYLMSTMVL PKINEKLRRG FPLPLPAGIQ LINSILYSSQ NFLLEADLH RT
<b>Source</b>	Yeast
<b>Target Names</b>	Bpi
<b>Protein Names</b>	Recommended name: Bactericidal permeability-increasing protein Short name= BPI
<b>Expression Region</b>	28-482
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has bactericidal activity on gram-negative organisms.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.