

Product Information

MemDX™ Membrane Protein Human BPI (Bactericidal permeability increasing protein) for Antibody Discovery

Cat. No.: **MP0911J**

This product is for research use only and is not intended for diagnostic use.

This product is a 53.7 kDa Human BPI membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

BPI

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

53.7 kDa

Sequence

MRENLARGPCNAPRWASLMVLVAIGTAVTAAVNPGVVVRISQKGLDYASQQGTAALQKELKRIKIPDYSD
SFKIKHLGKGHYSFYSDIREFQLPSSQISMVNVGLKFSISNANIKISGKWKAKRFLKMSGNFDLSIE
GMSISADLKLGSNPTSGKPTITCSCSSHINSVHVHISKSKVWGLIQLFHKKIESALRNKMNSQVCEKVT
NSVSSKLQPYFQTLPMVKIDSVAGINYGLVAPPATTAETLDVQMKGEFYSENHHNPPPFAPPVMEFPAA
HDRMVYLGSLDYFFNTAGLVYQEAGVLKMTLRDDMIPKESKFRLTTKFFGTFLPEVAKKFPNMKIQIHVS
ASTPPLSVQPTGLTFYPAVDVQAFVLPNSSLASLFLIGMHTTGSMESAEVNRLVGLKLDRLLELK
HSNIGPFPVELLQDIMNYIVPILVLPVNEKLQKGFPLPTPARVQLYNVVLQPHQNFLFGADVYK

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

BPI

Full Name

Bactericidal permeability increasing protein

Introduction

This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has antimicrobial activity against gram-negative organisms.

Alternative Names

BPIFD1; rBPI

Gene ID

[671](#)

UniProt ID

[P17213](#)