

Product datasheet for **TP308067M**

BPI (NM_001725) Human Recombinant Protein

Product data:

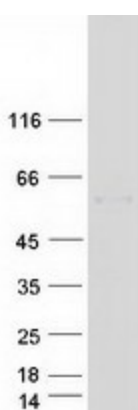
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human bactericidal/permeability-increasing protein (BPI), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208067 protein sequence Red =Cloning site Green =Tags(s)
	<p>MRENLARGPCNAPRWASLMVLVAIGTAVTAAVNPGVVVRISQKGLDYASQQGTAALQKELKRIKIPDYSD SFKIKHLGKGHYFYSMDIREFQLPSSQISMVNVGLKFSISNANIKISGKWKAQKRFLKMSGNFDLSIE GMSISADLKLGSNPTSGKPTITCSSSSHINSVHVHISKSKVGWLIQLFHKKIESALRNKMNSQVCEKVT NSVSSKLQPYFQTLPMVTKIDSVAGINYGLVAPPATTAETLDVQMKGFEYSENHHNPPPFAPPVMEFPAA HDRMVYLGLSDYFFNTAGLVYQEAGVLKMTLRDDMIPKESKFRLLTKFFGTFLEVAKKFPNMKIQIHVS ASTPPHLSVQPTGLTFYPAVDVQAFVLPNSSLASLFLIGMHTTGSMESVAESNRLVGELKLDRLLELK HSNIGPFPVELLQDIMNYIVPILVLPVNEKLQKGFPLPTPARVQLYNVVLQPHQNFLFGADVYK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001716</u>



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Locus ID:	671
UniProt ID:	P17213
RefSeq Size:	1901
Cytogenetics:	20q11.23
RefSeq ORF:	1461
Synonyms:	BPIFD1; rBPI
Summary:	This gene encodes a lipopolysaccharide binding protein. It is associated with human neutrophil granules and has antimicrobial activity against gram-negative organisms. [provided by RefSeq, Nov 2014]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified BPI protein (Cat# [TP308067]). The protein was produced from HEK293T cells transfected with BPI cDNA clone (Cat# [RC208067]) using MegaTran 2.0 (Cat# [TT210002]).