

## Product datasheet for TP304016L

### BOP1 (NM\_015201) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human block of proliferation 1 (BOP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204016 protein sequence Red=Cloning site Green=Tags(s)

MAGSRGAGRTAAPSVRPEKRRSEPELEPEPEPEPPLLCTSPLSHSTGSDSGVSDSEESVFSGLSDSGSDS  
SEDDDEGDEEGEDGALDDEGHSGIKKTTEEQVQASTPCPRTEMASARIGDEYAEDSSDEEDIRNTVGNVP  
LEWYDDFPHVGYDLGRRYKPLRTRDELQFLDKMDDPDYWRVQDPMTGRDLRLTDEQVALVRRQLQSG  
QFGDVGFPNYPYPAVDFFSGDVMIHVPVTRPADKRSFIPSLVEKEKVSVMVHAIKMGWIQRRRPRDPTPSF  
YDLWAQEDPNAVLGRHKMHVPAPKLALPGHAESYNPPPEYLLSEEERLAWEQQEPGERKLSFLPRKFPSL  
RAVPAYGRFIQERFERCLDLYLCPRQRKMRVNVDPEDLIPKLPRPRDLQPFPTCQALVYRGHSDLVRCLS  
VSPGGQWLVSDDGSLRLWEVATARCVRTPVGGVKSVAWNPSPAVCLVAAVEDSVLLLNPALGDRL  
VAGSTDQLLSAFVPPEEPPLQPARWLEAEEERQVGLRLRICHGKPVTVQVTHWGRGDYLAVVLATQGHQ  
VLIHQLSRRRSQSPFRRSHGQVQRVAFHPARPFLVASQRSVRLYHLLRQELTKKLPNCKWVSSLAVHP  
AGDNVICGSYDSKLVWFDLDLSTKPYRMLRHHKALRAVAFHPRYPLFASGSDGVSIVCHGMVYNDLLQ  
NPLLVPVKVLKGHVLRDLGVLDVIFHPTQPWFSSGADGTVRLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

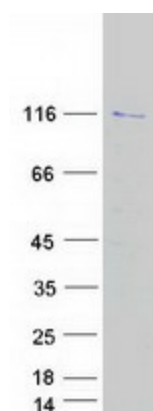
Tag:	C-Myc/DDK
Predicted MW:	83.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<a href="#">NP_056016</a>
Locus ID:	23246
UniProt ID:	<a href="#">Q14137</a>
RefSeq Size:	2422
Cytogenetics:	8q24.3
RefSeq ORF:	2238
Summary:	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified BOP1 protein (Cat# [TP304016]). The protein was produced from HEK293T cells transfected with BOP1 cDNA clone (Cat# [RC204016]) using MegaTran 2.0 (Cat# [TT210002]).