

## Product datasheet for **TP304016**

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

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human block of proliferation 1 (BOP1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC204016 protein sequence

**Red**=Cloning site **Green**=Tags(s)

MAGSRGAGRTAAPSVRPEKRRSEPELEPEPEPEPPLLCTSPLSHSTGSDSGVSDSEESVFSGLSDSGSDS  
SEDDDEGDEEGEDGALDDEGHSGIKKTTEEQVQASTPCPRTEMASARIGDEYAEDSSDEEDIRNTVGNVP  
LEWYDDFPHVGYDLDRRIYKPLRTRDELQFLDKMDDPDYWRVTVQDPMTGRDLRLTDEQVALVRRLLQSG  
QFGDVGFPNYPYPAVDFFSGDVMIHVPTNRPADKRSFIPSLVEKEKVSVMVHAIKMGWIQRRRPRDPTPSF  
YDLWAQEDPNAVLGRHKMHVPAPKLALPGHAESYNPPPEYLLSEEERLAWEQQEPGERKLSFLPRKFPSL  
RAVPAYGRFIQERFERCLDLYLCPRQRKMRVNVDPEDLIPKLPRPRDLQPFPTCQALVYRGHSDLVRLCS  
VSPGGQWLVSGSDDGSLRLWEVATARCVRVTPVGGVVKVSAWNPSPAVCLVAAVEDSVLLLNPALGDRL  
VAGSTDQLLSAFVPPEEPPLQPARWLEAEEERQVGLRLRICHGKPVTVQVTHWGRGDYLAVVLATQGHQ  
VLIHQLSRRRSQSPFRRSHGQVQRVAFHPARPFLVASQRSVRLYHLLRQELTKKLPNCKWVSSLAVHP  
AGDNVICGSYDSKLVWFDLDLSTKPYRMLRHHKKALRAVAFHPRYPLFASGSDDGSVIVCHGMVYNDLLQ  
NPLLVPVKVLKGHVLRDLGVLDVIFHPTQPWWFSSGADGTVRLFT

**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.

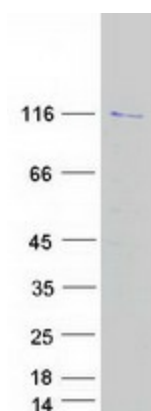
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_056016</u>
<b>Locus ID:</b>	23246
<b>UniProt ID:</b>	<u>Q14137</u>
<b>RefSeq Size:</b>	2422
<b>Cytogenetics:</b>	8q24.3
<b>RefSeq ORF:</b>	2238
<b>Summary:</b>	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]).