

## Product datasheet for PH304016

### BOP1 (NM\_015201) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	BOP1 MS Standard C13 and N15-labeled recombinant protein (NP_056016)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204016
Predicted MW:	83.6 kDa
Protein Sequence:	>RC204016 protein sequence Red=Cloning site Green=Tags(s)

MAGSRGAGRTAAPSVRPEKRRSEPELEPEPEPEPLLCTSPLSHSTGSDSGVSDSEESVFSGLEDSGSDS  
SEDDDEGDEEGEDGALDDEGHSGIKKTTEEQVQASTPCPRTEMASARIGDEYAEDSSDEEDIRNTVGNVP  
LEWYDDFPHVGYDL DGRRIYKPLRTRDEL DQFLDKMDDPDYWRVQDPMTGRDLRLTDEQVALVRRQLQSG  
QFGDVGFNPYEPVDFSGDVMIHVPTNRPADKRSFIPSLVEKEKVSRMVHAIKMGWIQPRRPRDPTPSF  
YDLWAQEDPNAVLGRHKMHVPAPKLALPGHAESYNPPPEYLLSEEERLAWEQEPGERKLSFLPRKFPSL  
RAVPAYGRFIQERFERCLDLYLCPRQRKMRVNDPEDLIPKLP RPRDLQPFPTCQALVYRGHSDLVRCLS  
VSPGGQWL VSGSDDGSLRLWEVATARCVRTVPVGGVVKSAWNPSPAVCLVAAAVEDSVLLLNPALGDRL  
VAGSTDQLLSAFVPEEPPLQPARWLEAEEERQVGLRLRICHGKPVTVQVWHGRGDYLA VVVLATQGHTQ  
VLIHQLSRRRSQSPFRRSHGQVQRFVAFHPARPFLLVASQRSVRLYHLLRQELTKKLM PNCKWVSSLAVHP  
AGDNVICGSYDSKLVWFDL DLSTKPYRMLRHHKKALRAVAFHPRYPLFASGSDGDSVIVCHGMVYNDLLQ  
NPLLVPVKVLKGHVLRDLGLVDVIFHPTQPWFSSGADGTVRLFT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

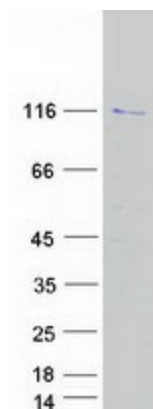
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_056016</a></u>



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RefSeq Size:	2422
RefSeq ORF:	2238
Locus ID:	23246
UniProt ID:	<a href="#">Q14137</a>
Cytogenetics:	8q24.3
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]).