

Recombinant Human BOP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BOP1-2772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BOP1 MS Standard C13 and N15-labeled recombinant protein (NP_056016) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.
Molecular Mass	83.6 kDa
AA Sequence	MAGSRGAGRTAAPSVRPEKRRSEPELEPEPEPEPPLLCTSPLSHSTGSDSGVSDSE ESVFSGLED SGSDSSEDDDEGDEEGEDGALDDEGHSGIKKTTEEQVQASTPCPRT EMASARIGDEYAEDSSDEEDIRNTVGNVPLEWYDDFPHVGYDL DGRRIYKPLRTRD ELDQFLDKMDDPDYWRTVQDPMTGRDLRLTDEQVALVRRLLQSGQFGDVGFNPYE PAVDFFSGDVMIHVPTNRPADKRSFIPSLVEKEKVS RMVHAIKMGWIQPRRPRDPTP SFYDLWAQEDPNAVLGRHKMHVPAPKLALPGHAESYNPPPEYLLSEERLAWEQQ EPGERKLSFLPRKFPSLRAPVAYGRFIQERFERCLDLYLCPRQRKMRVNVD PEDLIP KLPRPRDLQPFPTCQALVYRGHSDLV RCLSVSPGGQWL VSGSDDGSLRLWEVATA RCVRTVPVGGVVKSAWNPSPAVCLVAAVEDSVLLLN PALGDRLVAGSTDQLLSA FVPPEEPPLQPARWLEASEEERQVGLRLRICHGKPVTQVTWHGRGDYLAVVLATQ GHTQVLIHQLSRRRSQSPFRRSHGQVQRVAFHPARPFLLVASQRSVRLYHLLRQEL

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TKKLMPNCKWVSSLAVHPAGDNVICGSYDSKLVWFDLSTKPYRMLRHHKKALRA
 VAFHPRYPLFASGSDDGSVIVCHGMVYNDLLQNPLLVPVKVLKGHVLTRDLGVLDVI
 FHPTQPWFSSGADGTVRLFTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BOP1 block of proliferation 1 [Homo sapiens (human)]

Official Symbol BOP1

Synonyms BOP1; block of proliferation 1; ribosome biogenesis protein BOP1; KIAA0124; block of proliferation 1 protein;

Gene ID 23246

mRNA Refseq NM_015201

Protein Refseq NP_056016

MIM 610596

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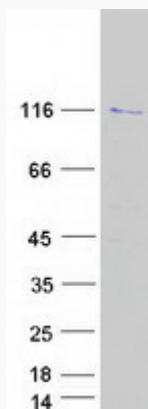
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UniProt ID

Q14137

SDS-PAGE

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