

FBL, 83-321aa, Human, His tag, E.coli

Cat.NO.: TP02094

3th Edition

Synonyms:rRNA 2'-O-methyltransferase fibrillarin, FIB, FLRN, RNU3IP1.

Description:FBL is a key small nucleolar protein in eukaryotes, which has an important role in pre-rRNA processing during ribosomal biogenesis. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. This protein is a component of several ribonucleoproteins including a nucleolar small nuclear ribonucleoprotein (SnRNP) and one of the two classes of small nucleolar ribonucleoproteins (snoRNPs).

Form:Liquid. In Phosphate Buffered Saline (pH7.4)containing 30% glycerol, 1mM EDTA.

Molecular Weight:28.9 kDa (262aa) , confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHRSMGKNVMVEPHRHEGVFICRGKEDALVTKNLVPGESVYGEKRVISSEGDDKIEY
RAWNPFRSKLAAAILGGVDQIHKPGAKVLYLGAASGTTVSHVSDIVGPDGLVYAVEFSHRSGRDLINLAKKRTNIIPV
IEDARHPHKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRNGGHFVISIKANCIDSTASAEAVFASEVKKMQQENM
KPQEQLTLEPYERDHAHVVG VYRPPPKVKN

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.