

Recombinant Human Fibrillarin, His-tagged

Cat. No. FBL-791H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FBL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW =28.9 kDa (262aa), confirmed by MALDI-TOF.
Species	Human
Source	E.coli
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).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH RSMGKNVMVE PHRHEGVFIC RGKEDALVTK NLVPGESVYG EKRVSISEGD DKIEYRAWNP FRSKLAAAIL GGVDQIHIKP GAKVLYLGAA SGTTVSHVSD IVGPDGLVYA VEFSHRSGRD LINLAKKRTN IIPVIEDARH PHKYRMLIAM VDVIFADVAQ PDQTRIVALN AHTFLRNGGH FVISIKANCI DSTASAEAVF ASEVKKMQQE NMKPQEQLTL EPYERDHAVV VGVYRPPPKV KN
Purity	> 85% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 20% glycerol 1mM DTT, 0.2M

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NaCl, 1mM EDTA.

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

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.

GENE INFORMATION

Gene Name FBL fibrillarin [[Homo sapiens](#)]

Synonyms FBL; fibrillarin; FIB; FLRN; RNU3IP1; rRNA 2"-O-methyltransferase fibrillarin; 34-kD nucleolar scleroderma antigen; 34 kDa nucleolar scleroderma antigen; RNA, U3 small nucleolar interacting protein 1; EC 2.1.1.-; FIB1

Gene ID [2091](#)

mRNA Refseq [NM_001436](#)

Protein Refseq [NP_001427](#)

MIM [134795](#)

UniProt ID [P22087](#)

Chromosome Location 19q13.1

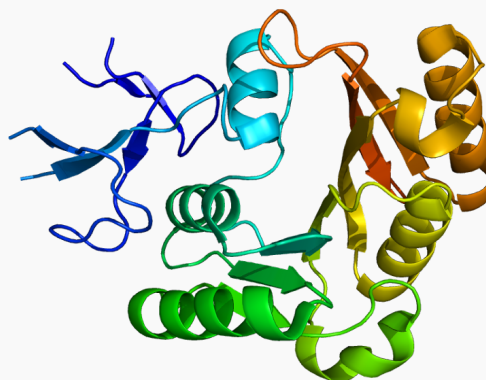
Function RNA binding; methyltransferase activity; protein binding; transferase activity

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