

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

Cat. No. FBL-2503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBL MS Standard C13 and N15-labeled recombinant protein (NP_001427) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarin.
Molecular Mass	33.6 kDa
AA Sequence	MKPGFSPRGGGFGGRGGFGDRGGRGGRGGFGGGRGRGGGFRGRGRGGGGGG GGGGGGGRGGGGFHSNGNRGRGRGGKRGNGSGKNVMVEPHRHEGVFICRGKE DALVTKNLVPGESVYGEKRVISSEGDDKIEYRAWNPFRSKLAAAILGGVDQIHIKPGA KVLYLGAASGTTVSHVSDIVGPDGLVYAVEFSHRSGRDLINLAKKRTNIIPVIEDARHP HKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRNGGHFVISIKANCIDSTASAEAVF

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ASEVKKMQQENMKPQEQLTLEPYERDHAVVVGVYRPPPKVKNTRTRPLEQKLISEE
DLAANDILDYKDDDDKV

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 FBL fibrillarin [*Homo sapiens* (human)]

Official Symbol FBL

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

Gene ID 2091

mRNA Refseq NM_001436

Protein Refseq NP_001427

MIM 134795

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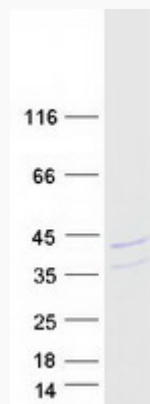
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UniProt ID

P22087

SDS-PAGE

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