

Recombinant Human FBL Protein, His-tagged

Cat. No. FBL-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBL(Gly37~Ala275) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly37~Ala275
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	28.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	FBL fibrillarin [Homo sapiens]
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

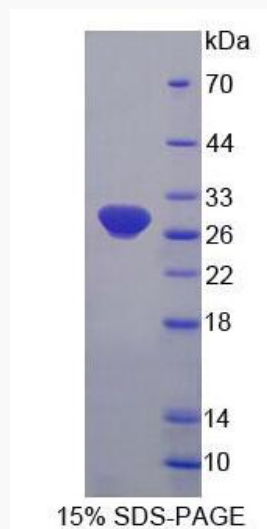
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UniProt ID

P22087

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