

Recombinant Full Length Human FBL Protein, C-Flag-tagged

Cat. No. FBL-112HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FBL Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33.6 kDa
AA Sequence	MKPGFSPRGGGFGGRGGFGDRGGRGGRGGFGGGRGRGGGFRGRGRGGGGGG GGGGGGGRGGGGGFHSGGNR GRGRGGKRGNGSGKNVMVEPHRHEGVFICRGKE DALVTKNLVPGESVYGEKRVSISEGDDKIEYRAWNPF RSKLAAAILGGVDQIHKPG AKVLYLGAASGTTVSHVSDIVGPDGLVYAVEFSHRSGRDLINLAKKRTNI IPVIEDAR HPHKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRNGGHFVISIKANCIDSTASAEA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



	VFA SEVKKMQQENMKPQEQLTLEPYERDHAVVVGVYRPPPKVKNTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Stem cell - Pluripotency
Full Length	Full L.

GENE INFORMATION

Gene Name	FBL fibrillarin [Homo sapiens (human)]
Official Symbol	FBL
Synonyms	FIB; FLRN; Nop1; RNU3IP1
Gene ID	2091
mRNA Refseq	NM_001436.4

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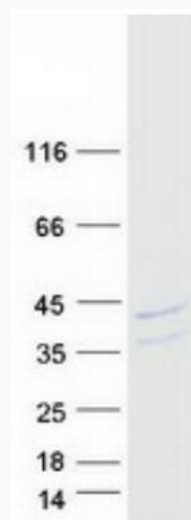
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Protein Refseq NP_001427.2

MIM 134795

UniProt ID P22087



Coomassie blue staining of purified FBL protein.

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