

Fibrillarin Recombinant Protein | FBL recombinant protein

Recombinant human Fibrillarin

CATALOG # AAA38859	HOST E Coli
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PRODUCT SYNONYMS

Fibrillarin; Recombinant human Fibrillarin; rRNA 2'-O-methyltransferase fibrillarin; 34 kDa nucleolar scleroderma antigen; FBL; FIB1; FLRN; fibrillarin; FIB; RNU3IP1.; FBL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The FBL solution (0.5 mg/ml) contains Phosphate buffered saline (pH 7.4), 30% glycerol and 1 mM EDTA. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHRSM GKNVMVEPHR HEGVFICRGK EDALVTKNLV PGESVYGEKR VSISEGDDKI EYRAWNPFRS KLAAILGGV DQIHIKPGAK VLYLGAASGT TVSHVSDIVG PDGLVYAVEF SHRSGRDLIN LAKKRTNIIP VIEDARHPHK YRMLIAMVDV IFADVAQPDQ TRIVALNAHT FLRNGGHFVI SIKANCIDST ASAEAVFASE VKKMQQENMK PQEQLTLEPY ERDHAVVVG VYRPPPKVKV N
Sequence Length	321
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for FBL recombinant protein	Description: FBL Human Recombinant fused with 23 amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 262 amino acids (83-321 a.a.) and having a molecular mass of 28.9kDa. The FBL is purified by proprietary chromatographic techniques. Introduction: FBL is a significant small nucleolar protein in eukaryotes, which has an essential role in pre-rRNA processing during ribosomal biogenesis. Fibrillarin is a component of several ribonucleoproteins including a nucleolar small nuclear ribonucleoprotein (SnRNP) and one of the two classes of small nucleolar ribonucleoproteins (snoRNPs). Fibrillarin contains an N-terminal repetitive domain which is rich in glycine and arginine residues, like fibrillarins in other species. Fibrillarin's central region is similar to an RNA-binding domain and contains an RNP consensus sequence. FBL is linked to the U3, U8, and U13 small nuclear RNAs and is positioned in the dense fibrillar component (DFC) of the nucleolus. Antisera from roughly 8% of humans with the autoimmune disease scleroderma recognize fibrillarin.
Product Categories/Family for FBL recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	12056465
NCBI GeneID	2091
NCBI Accession #	NP_001427.2

NCBI GenBank Nucleotide #	NM_001436.3
UniProt Accession #	P22087 ; O75259 ; Q6IAT5 ; Q9UPI6 ; B5BUE8
NCBI Official Full Name	rRNA 2'-O-methyltransferase fibrillarin
NCBI Official Synonym Full Names	fibrillarin
NCBI Official Symbol	FBL
NCBI Official Synonym Symbols	FIB; FLRN; RNU3IP1
NCBI Protein Information	rRNA 2'-O-methyltransferase fibrillarin; 34 kDa nucleolar scleroderma antigen; 34-kD nucleolar scleroderma antigen; RNA, U3 small nucleolar interacting protein 1; histone-glutamine methyltransferase
UniProt Protein Name	rRNA 2'-O-methyltransferase fibrillarin
UniProt Gene Name	FBL
UniProt Synonym Gene Names	FIB1; FLRN
UniProt Entry Name	FBRL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fbl-recombinant-protein-e-coli/38859>