

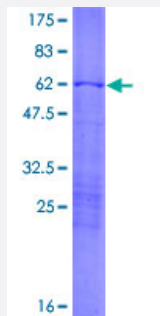
Full-Length

FBL (Human) Recombinant Protein (P01)

Catalog # H00002091-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FBL full-length ORF (AAH19260.1, 1 a.a. - 321 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKPGFSPRGGGFGGRGGFGDRGGRGGRGGFGGGRGRGGGFRGRGRGGGGGGGGGGGGGR
GGGGFHSGGNRGRGRGGKRGNGSGKNVMVEPHRHEGVFICRGKEDALVTKNLVPGESVYGEK
RVSISEGDDKIEYRAWNPFRSKLAAAILGGVDQIIHKPGAKVLYLGAASGTTVSHVSDIVGPDGLVY
AVEFSHRSGRDLINLAKKRTNIIPVIEDARHPHKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRN
GGHFVISIKANCIDTTASAEAVFASEVKKMQQENMKPQEQLTLEPYERDHAVVVGVYRPPPKVKN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.05

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FBL

Entrez GeneID[2091](#)**GeneBank Accession#**[BC019260](#)**Protein Accession#**[AAH19260.1](#)**Gene Name**

FBL

Gene Alias

FIB, FLRN, RNU3IP1

Gene Description

fibrillarin

Omim ID[134795](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 U 3, 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. [provided by RefSeq]

Other Designations

34-kD nucleolar scleroderma antigen|RNA, U3 small nucleolar interacting protein 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)