

## Fibrillarin Recombinant Protein | FBL recombinant protein

Recombinant Fibrillarin (FBL)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA145894</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

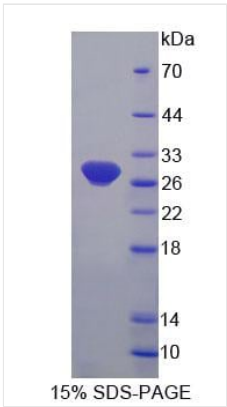
### PRODUCT SYNONYMS

Fibrillarin; Recombinant Fibrillarin (FBL); FIB; FLRN; RNU3IP1; rRNA 2'-O-Methyltransferase Fibrillarin; 34 kDa nucleolar scleroderma antigen; Histone-glutamine methyltransferase; FBL recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                                 | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration                                       | Original Concentration: 200ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for FBL recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Organism Species                                    | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source                                              | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Residues                                            | Gly37~Ala275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tags                                                | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Location                                | Nucleus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Traits                                              | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer formulation                                  | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                                                              |
| Predicted isoelectric point                         | 10.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Predicted Molecular Mass                            | 28.7kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Accurate Molecular Mass                             | 29kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| USAGE                                               | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                             | <p>Storage: Avoid repeated freeze/thaw cycles.<br/>Store at 2-8°C for one month.<br/>Aliquot and store at -80°C for 12 months.</p> <p>Stability Test: 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.</p> |

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                           |                |
|---------------------------|----------------|
| NCBI GI #                 | 686633049      |
| NCBI GeneID               | 20380972       |
| NCBI Accession #          | XP_009308970.1 |
| NCBI GenBank Nucleotide # | XM_009310695.1 |
| NCBI Official Full Name   | fibrillarin    |
| NCBI Official Symbol      | DQ04_01411160  |
| NCBI Protein Information  | fibrillarin    |

**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.

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Online datasheet: <https://stage.aaabiotech.com/fibrillarin-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145894>