

# Human LSM1 (His Tag) recombinant protein



Catalog Number: 501675

## General Information

### Gene Name Synonym

Cancer-associated Sm-like; Small nuclear ribonuclear CaSm

### Protein Construction

A DNA sequence encoding the mature form of human LSM1 (O15116) (Met1-Tyr133) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 85 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

### Molecular Mass

The recombinant human LSM1 consists of 148 amino acids and predicts a molecular mass of 17 KDa. It migrates as an approximately 19-21 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 10% glycerol, 20mM Tris, 100mM NaCl, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

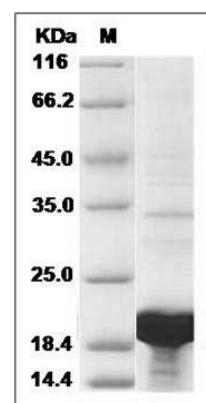
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human LSM1 Protein (His Tag) SDS-PAGE