

Recombinant Human U6 snRNA-Associated Sm-Like Protein LSm1/LSM1 Protein(C-6His)

Cat.NO.: TP05850

3th Edition

Synonyms:U6 snRNA-Associated Sm-Like Protein LSm1; Cancer-Associated Sm-Like; Small Nuclear Ribonuclear CaSm; LSM1; CASM

Description:U6 snRNA-Associated Sm-Like Protein LSm1 (LSM1) belongs to the snRNP Sm proteins family. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which plays an important role in pre-mRNA splicing. LSM1 binds specifically to the 3-terminal U-tract of U6snRNA. LSM1 can interact with SLBP when histone mRNA is being rapidly degraded during the S phase. In addition, LSM1 is associated with cellular transformation and the progression of several malignancies including mesothelioma, lung cancer and breast cancer.

Form:PBS

Molecular Weight:16.2 kDa

Sequences:Met 1-Tyr133

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.