

**Recombinant Human U6 snRNA-Associated Sm-Like Protein LSm4/LSM4 Protein(N-6His)**

**Cat.NO.: TP05854**

3th Edition

**Synonyms:**U6 snRNA-Associated Sm-Like Protein LSm4; Glycine-Rich Protein; GRP; LSM4

**Description:**U6 snRNA-associated Sm-like protein LSm4 (LSM4) is a member of the snRNP Sm proteins family. Sm-like proteins contain the Sm sequence motif and are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. LSM4 forms a heteromer with a donut shape. The complexes are involved in various steps of RNA metabolism. LSM4 binds specifically to the 3-terminal U-tract of U6 snRNA. LSM4 contributes RNA protein interactions and structural changes which are essential during ribosomal subunit assembly.

**Form:**PBS

**Molecular Weight:**17.5 kDa

**Sequences:**Met 1-Gln139

**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.