9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4133: Recombinant Human LSM5 Homolog, U6 Small Nuclear RNA Associated

Alternative Name : LSM5 homolog,U6 small nuclear RNA associated (S.cerevisiae),YER146W,U6 snRNA-associated Sm-like protein LSm5.

Description

Source : Escherichia Coli. LSM5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (1-91 a.a) and having a molecular mass of 12.3kDa.LSM5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LSM5 also known as LSM5 Homolog, U6 Small Nuclear RNA Associated belongs to the Sm protein family. This family is identified in a variety of organisms based on sequence homology. Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length which folds as a loop. In addition, the Sm-like proteins are thought to create a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. Among the diseases associated with LSM5 are spinal muscular atrophy, and muscular atrophy.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	LSM5 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.5), 10% glycerol, 0.15M NaCl and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAANATT NPSQLLPLEL VDKCIGSRIH IVMKSDKEIV GTLLGFDDFV NMVLEDVTEF EITPEGRRIT KLDQILLNGN NITMLVPGGE GPEV

For Research Use Only. Not for use in diagnostic/therapeutics procedures.