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

32-4130: Recombinant Human LSM2 Homolog, U6 Small Nuclear RNA Associated

Alternative Name :	LSM2 homolog U6 small nuclear RNA associated (S. cerevisiae),Small nuclear ribonuclear protein D homolog,chromosome 6 open reading frame 28,snRNP core Sm-like protein Sm-x5,C6orf28,YBL026W,Protein G7b,snRNP.

Description

Source : E.coli. LSM2 Human Recombinant produced in E. coli is a single polypeptide chain containing 119 amino acids (1-95) and having a molecular mass of 13.4kDa.LSM2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LSM2 is a member of the snRNP Sm proteins family. Sm-like proteins are branded in several organisms based on sequence homology with the Sm protein family. Sm-like proteins hold the Sm sequence motif that is made up of 2 regions separated by a linker of variable length which folds as a loop. The Sm-like proteins are believed to create a steady heteromer present in tri-snRNP particles, which are vital for pre-mRNA splicing. LSM2 binds specifically to the 3'-terminal U-tract of U6 snRNA nad takes part in pre-mRNA splicing.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The LSM2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM Nacl, 5mM DTT and 40% glycerol.
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 MGSHMLFYSF FKSLVGKDVV VELKNDLSIC GTLHSVDQYL NIKLTDISVT DPEKYPHMLS VKNCFIRGSV VRYVQLPADE VDTQLLQDAA RKEALQQKQ

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