

32-4129: Recombinant Human LSM12 Homolog, U6 Small Nuclear RNA Associated

Alternative Name : PNAS-135,Protein LSM12 homolog,LSM12.

Description

Source : E.coli. LSM12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-195 a.a.) and having a molecular mass of 24.1kDa.LSM12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LSM12 Homolog, U6 Small Nuclear RNA Associated (LSM12) is a member of the snRNP Sm proteins family. Sm-like proteins were detected in various organisms based on sequence homology with the Sm protein family. Sm-like proteins comprise the Sm sequence motif, which consists of two regions parted by a linker of variable length which folds as a loop. The Sm-like proteins are assumed to create a stable heteromer present in tri-snRNP particles, which are significant for pre-mRNA splicing.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	LSM12 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.1M NaCl, 10% glycerol 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 :	MGSSHHHHH SSGLVPRGSH MGSMAAPPGE YFSVGSQVSC RTCQEQLQG EVVAFDYQSK MLALKCPSSS GKPNHADILL INLQYVSEVE IINDRTETPP PLASLNVSKL ASKARTEKEE KLSQAYAISA GVSLEGQQLF QTIHKTIKDC KWQEKNIIVM EEVITPPYQ VENCKGKEGS ALSHVRKIVE KHFRDVESQK ILQRSQAQQP QKEAALSS.