

32-4131: Recombinant Human LSM3 Homolog, U6 Small Nuclear RNA Associated

Alternative Name : LSM3 homolog U6 small nuclear RNA associated (S. cerevisiae), U6 snRNA-associated Sm-like protein LSM3, SMX4, USS2, YLR438C.

Description

Source : E.coli. LSM3 Human Recombinant produced in E. coli is a single polypeptide chain containing 125 amino acids (1-102) and having a molecular mass of 14.3kDa. LSM3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LSM3 is a member of snRNP Sm proteins family which were identified in a large number of organisms based on sequence homology. Sm-like proteins have a Sm sequence motif that holds 2 regions detached by a linker of variable length that fold as a loop. The Sm-like proteins form a stable heteromer found in tri-snRNP particles that are vital for pre-mRNA splicing.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The LSM3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 2mM DTT and 20% 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 MGSMADDVDQ QQTNTVEEP LDLIRLSLDE RIYVKMRNDR ELRGRLHAYD QHLNMILGDV EETVTTIEID EETYEIYKS TKRNIPMLFV RGDGVVLVAP PLRVG

