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32-4132: Recombinant Human LSM4 Homolog, U6 Small Nuclear RNA Associated

Alternative Name : U6 snRNA-associated Sm-like protein LSm4,Glycine-rich protein,GRP,LSM4,YER112W.

Description

Source : Escherichia Coli. LSM4 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 159 amino acids (1-139 a.a.) and having a molecular mass of 17.5kDa. The LSM4 is purified by proprietary chromatographic techniques. LSM4 (U6 snRNA-associated Sm-like protein) forms donut-shaped heptameric complexes which are involved in various steps of RNA metabolism. LSM4 facilitates RNA protein interactions and structural changes which are essential during ribosomal subunit assembly. LSM4 binds specifically to the 3'-terminal U-tract of U6 snRNA.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The LSM4 solution (0.5 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	LSM4 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MLPLSLLKTA QNHPMLVELK NGETYNGHLV SCDNWMNINL REVICTSRDG DKFWRMPECY IRGSTIKYLR IPDEIIDMVK EEVVAKGRGR GGLQQQKQQK GRGMGGAGRG VFGGRGRGGI PGTGRGQPEK KPGRQAGKQ.

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