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LSM4, 1-139aa, Human, His tag, E.coli

产品货号: TP02851

第三版

别名:U6 snRNA-associated Sm-like protein LSm4, YER112W

描述:LSM4, also called U6 snRNA-associated Sm-like protein or glycine-rich protein (GRP), forms donutshaped heptameric complexes that are involved in various steps of RNA metabolism. It facilitates RNA protein interactions and structural changes that are required during ribosomal subunit assembly. It binds specifically to the 3'-terminal U-tract of U6 snRNA. Recombinant human LSM4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量:17.5 kDa (159aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMLPLSLLKTAQNHPMLVELKNGETYNGHLVSCDNWMNINLREVICTSRDGDKFWRMP  
ECYIRGSTIKYLRIPDEIIDMVKEEVVAKGRGRGGLQQKQKQKGRGMGGAGRGVFGGRGRGGIPGTGRGQPEKKPGRQ  
AGKQ

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.