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LSM12, 1-195aa, Human, His tag, E.coli

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第三版

别名:Protein LSM12 homolog , PNAS-135

描述:LSM12 belongs to the snRNP Sm proteins family. Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family. Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. Recombinant human LSM12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量:24.1kDa (218aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAPPGEYFSVGSQVSCRTCQEQLQGEVVAFDYQSKMLALKCPSSSGKPNHADI
LLINLQYVSEVEIINDRTETPPPLASLNVSKLASKARTEKEEKLSQAYAISAGVSLEGQQLFQTIHKTIKDCKWQEKNIVVME
EVIITPPYQVENCKGKEGSALSHVRKIVEKHFRDVESQKILQRSQAQQPQKEAALSS

纯度:> 95% by HPLC

浓度:1 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.