

Product information



LSM4, 1-139aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0860

Full name: U6 snRNA-associated Sm-like protein LSm4

NCBI Accession No.: NP_036453

Synonyms: YER112W

Description: LSM4, also called U6 snRNA-associated Sm-like protein or glycine-rich protein (GRP), forms donut-shaped 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.

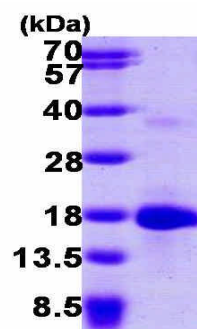
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol

0.1M NaCl, 1mM DTT

Molecular Weight: 17.5 kDa (159aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MLPLSLLKTA QNHPLVELK NGETYNGHLV SCDNWMNINL REVICTSRDG DKFWRMPECY IRGSTIKYLR
IPDEIIDMVK EEVVAKGRRG GGLQQKQKQK GRGMGGAGRG VFGGRGRGGI PGTGRGQPEK KPGRQAGKQ

General references:

Hirsch E., *et al.* (2000), *Mol. Cell. Biol.*, 20: 1055-1062.

Brahms H., *et al.* (2001). *RNA.*, 7: 1531-1542

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Avoid repeated freezing and thawing cycles.

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