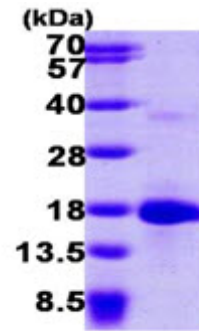


**AR09800PU-L****Human LSM4 (1-139, His-tag) - Purified**

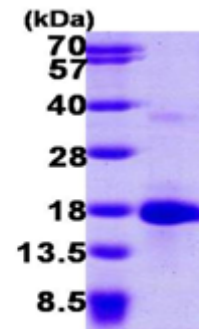
<b>Alternate names:</b>	GRP, Glycine-rich protein, U6 snRNA-associated Sm-like protein LSM4
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml (determined by Bradford assay)
<b>Background:</b>	LSM4, also called U6 snRNA-associated Sm-like protein or glycine-rich protein (GRP), forms donut-shaped 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.
<b>Uniprot ID:</b>	<a href="#">Q9Y4Z0</a>
<b>NCBI:</b>	<a href="#">NP_036453</a>
<b>GeneID:</b>	<a href="#">25804</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% <b>Buffer System:</b> 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
<b>Description:</b>	Recombinant human LSM4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. <b>AA Sequence:</b> <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MLPLSLKTA QNHPLVELK NGETYNGHLV SCDNWMNINL REVICTSRDG DKFWRMPECY IRGSTIKYLR IPDEIIDMVK EEVAKGRGR GGLQQKQKQK GRGMGGAGRG VFGGRGRGGI PGTGRGQPEK KPGRQAGKQ <b>Molecular weight:</b> 17.5 kDa (159aa), confirmed by MALDI-TOF
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Hirsch E., et al. (2000), Mol. Cell. Biol., 20: 1055-1062. Brahms H., et al. (2001). RNA., 7: 1531-1542.

Pictures:

Recombinant human LSM4, 1-139aa, His-tagged



15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)