

## LSM1 Homolog, U6 Small Nuclear RNA Associated Human Recombi-

<b>Item Number</b>	rAP-5008
<b>Synonyms</b>	U6 snRNA-associated Sm-like protein LSm1, Cancer-associated Sm-like, Small nuclear ribonuclear CaSm, LSM1, CASM, YJL124C.
<b>Description</b>	LSM1 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 153 amino acids (1-133 a.a.) and having a molecular mass of 17.3kDa. The LSM1 is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	O15116
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MNYMPGTASL IEDIDKKHLV LLRDGRTLIG FLRSIDQFAN LVLHQTVERI HVGKKYGDIP RGIFVVRGEN VVLLGEIDLE KESDTPLQQV SIEEILEEQR VEQQTKEAE KLKVQALKDR GLSIPRADTL DEY.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	The LSM1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**