

## LSM5 Homolog, U6 Small Nuclear RNA Associated Human Recombi-

<b>Item Number</b>	rAP-5009
<b>Synonyms</b>	LSM5 homolog, U6 small nuclear RNA associated (S.cerevisiae), YER146W, U6 snRNA-associated Sm-like protein LSm5.
<b>Description</b>	LSM5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (1-91 a.a) and having a molecular mass of 12.3kDa.LSM5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9Y4Y9
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMAANATT NPSQLLPLEL VDKCIGSRIH IVMKSDKEIV GTLLGFDDFV NMVLEDVTEF EITPEGRRIT KLDQILLNGN NITMLVPGGE GPEV
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	LSM5 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.5), 10% glycerol, 0.15M NaCl and 1mM DTT. 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**