

## LSM12 Homolog, U6 Small Nuclear RNA Associated Human Recombi-

<b>Item Number</b>	rAP-5007
<b>Synonyms</b>	PNAS-135, Protein LSM12 homolog, LSM12.
<b>Description</b>	LSM12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-195 a.a.) and having a molecular mass of 24.1kDa.LSM12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q3MHD2
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMAAPPGE YFSVGSQVSC RTCQEQLRQG EVVAFDYQSK MLALKCPSSS GKP NHADILL INLQYVSEVE IINDRTETPP PLASLNVSKL ASKARTEKEE KLSQAYAISA GVSLEGQQLF QTIHKTIKDC KWQEKNIVVM EEVVITPPYQ VENCKGKEGS ALSHVRKIVE KHFRDVESQK ILQRSQAQQP QKEAALSS.
<b>Source</b>	E.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).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	LSM12 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 90% 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**