

LSM2 Homolog, U6 Small Nuclear RNA Associated Human Recombi-

Item Number	rAP-5006
Synonyms	LSM2 homolog U6 small nuclear RNA associated (<i>S. cerevisiae</i>), Small nuclear ribonuclear protein D homolog, chromosome 6 open reading frame 28, snRNP core Sm-like protein Sm-x5, C6orf28, YBL026W, Protein G7b, snRNP.
Description	LSM2 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 119 amino acids (1-95) and having a molecular mass of 13.4kDa. LSM2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y333
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHTMLFYSF FKSLVGKDVV VELKNDLSIC GTLHSVDQYL NIKLT-DISVT DPEKYPHMLS VKNCFIRGSV VRYVQLPADE VDTQLLQDAA RKEALQQKQ
Source	<i>E. coli</i> .
Physical Appearance and Stability	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.
Formulation and Purity	The LSM2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 5mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**