

LSM3 Homolog, U6 Small Nuclear RNA Associated Human Recombi-

Item Number	rAP-5005
Synonyms	LSM3 homolog U6 small nuclear RNA associated (S. cerevisiae), U6 snRNA-associated Sm-like protein LSm3, SMX4, USS2, YLR438C.
Description	LSM3 Human Recombinant produced in E. coli is a single polypeptide chain containing 125 amino acids (1-102) and having a molecular mass of 14.3kDa. LSM3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P62310
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMADDVDQ QTTNTVEEP LDLIRLSLDE RIYVKMRNDR ELRGRLHAYD QHLNMILGDV EETVTIEID EETYEIYKS TKRNIPMLFV RGDGVVLVAP PLRVG
Source	E.coli.
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 LSM3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 2mM DTT and 20% 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**