9051 Mira Mesa Blvd, #910094
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LSM3 Human

LSM3 Homolog, U6 Small Nuclear RNA Associated Human Recombinant
RCP1272

Product Overview

Name	LSM3 Human

Description

LSM3 Homolog, U6 Small Nuclear RNA Associated Human Recombinant

Accession (Primary)	P62310

Synonyms

LSM3 homolog U6 small nuclear RNA associated (S. cerevisiae), U6 snRNA-associated Sm-like protein LSm3, SMX4, USS2, YLR438C.

Introduction

LSM3 is a member of snRNP Sm proteins family which were identified in a large number of organisms based on sequence homology. Sm-like proteins have a Sm sequence motif that holds 2 regions detached by a linker of variable length that fold as a loop. The Sm-like proteins form a stable heteromer found in tri-snRNP particles that are vital for pre-mRNA splicing.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The LSM3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 2mM DTT and 20% glycerol.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MADDVDQ QQTTNTVEEP LDLIRLSLDE RIYVKMRNDR ELRGRLHAYD QHLNMILGDV EETVTTIEID EETYEEIYKS TKRNIPMLFV RGDGVVLVAP PLRVG

Precautions

LSM3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P62310)