Recombinant Human LSM1 Homolog, U6 Small Nuclear RNA Associated (S. Cerevisiae), T7-tagged

Cat. No. LSM1-3006H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSM1 protein was expressed in E.coli with T7-tag at the N-terminus. The molecular weight is 15179 Da(133 aa).
Species	Human
Source	E.coli
Description	U6 snRNA-associated Sm-like protein LSm1 is a protein that in humans is encoded by the LSM1 gene. Sm-like proteins were identified in a variety of organisms based on sequence homology with the Sm protein family (see SNRPD2; MIM 601061). Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.
Sequences of amino acids	1-133 aa
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3. 10mM DTT.
Purity	95%

GENE INFORMATION

Gene Name	LSM1 LSM1 homolog, U6 small nuclear RNA associated (S. cerevisiae) [Homo sapiens]

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Synonyms	CASM; YJL124C; LSM1; U6 snRNA-associated Sm-like protein LSm1; cancer-associated Sm-like; small nuclear ribonuclear CaSm
Gene ID	25257
mRNA Refseq	NM_014462
Protein Refseq	NP_055277
MIM	607281
UniProt ID	O15116
Chromosome Location	8p11.2
Pathway	RNA degradation; Metabolism of RNA
Function	RNA binding; protein binding

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