

LSM11 抗原（重组蛋白）

中文名称： LSM11 抗原（重组蛋白）

英文名称： LSM11 Antigen (Recombinant Protein)

别名： LSM11, U7 small nuclear RNA associated

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 161-360 amino acids of human LSM11

技术规格

Full name:	LSM11, U7 small nuclear RNA associated
Swissprot:	P83369
Gene Accession:	BC126449
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Sm and Sm-like (LSm) proteins form donut-shaped, ubiquitously expressed heptameric complexes that are involved in various steps of RNA metabolism, including RNA-protein interactions and structural changes that are required during ribosomal subunit assembly. LSM11 is a 360 amino acid protein that localizes to the nucleus and belongs to the LSm subfamily of snRNP Sm proteins. Containing an N-terminal domain that is necessary for pre-mRNA cleavage, LSM11 functions to binds specifically to U7 snRNA and is thou

ght to play a role in cell cycle regulation and cell growth. The gene encoding LSml1 maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.