

Recombinant Human LSM10 Protein (1-123 aa), His-SUMO-tagged

Cat. No. LSM10-1073H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LSM10 Protein (1-123 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Transcription. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-123 aa
Description	Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Increases U7 snRNA levels but not histone 3'-end pre-mRNA processing activity, when overexpressed. Required for cell cycle progression from G1 to S phases. Binds specifically to U7 snRNA. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	30.1 kDa
AA Sequence	MAVSHSVKERTISENSLIILLQGLQGRVTTVDLRDESVAHGRIDNVDAFMNIRLAKVT YTDRWGHQVKLDDLFVTGRNVRYVHIPDDVNITSTIEQQLQIIHRVRNFGGKGQGR WEFPPKNCK

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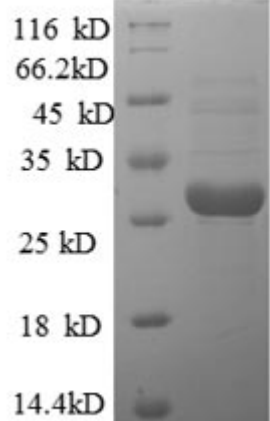
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	LSM10 LSM10, U7 small nuclear RNA associated [Homo sapiens]
Official Symbol	LSM10
Synonyms	LSM10; MGC15749; MST074; MSTP074;
Gene ID	84967
mRNA Refseq	NM_032881
Protein Refseq	NP_116270
UniProt ID	Q969L4

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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