

Product datasheet

Recombinant Human LSM2 protein ab124544

1 Image

Description

Product name	Recombinant Human LSM2 protein
Purity	> 90 % SDS-PAGE. ab124544 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9Y333
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMGSHMLFYSPFKSLVGK DVVVELKNDLSIC GTLHSVDQYLNILKLTDISVTDPEKYPHMLSVKNCFIRGSVV RYVQLPADE VDTQLLQDAARKEALQQKQ
Predicted molecular weight	13 kDa including tags
Amino acids	1 to 95
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124544** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

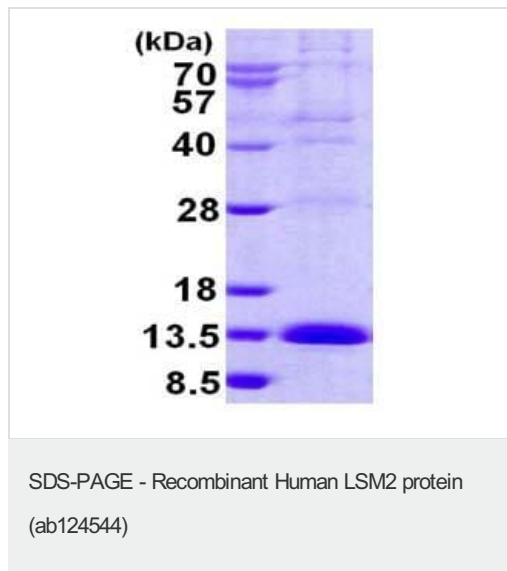
Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00
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Constituents: 0.08% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function	Binds specifically to the 3'-terminal U-tract of U6 snRNA. May be involved in pre-mRNA splicing.
Sequence similarities	Belongs to the snRNP Sm proteins family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



15% SDS-PAGE analysis of 3 µg ab124544.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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