

Datasheet for ABIN7559604
LSM10 Protein (AA 1-122) (His tag)



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Overview

Quantity:	1 mg
Target:	LSM10
Protein Characteristics:	AA 1-122
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LSM10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Lsm10 Protein expressed in mammalien cells.
Sequence:	<p>MALSHSVKER TISENSLIIL LQGLQGQITT VDLRDESVAR GRIDNVDAFM NIRLANVTYT DRWGHQVELD DLFVTGRNVR YVHIPDGVDI TATIEQLQI IHRVRNFGGK GQGRREFPSK RP</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis).

Product Details

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: LSM10

Alternative Name: Lsm10 ([LSM10 Products](#))

Background: U7 snRNA-associated Sm-like protein LSm10,FUNCTION: Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing (By similarity). Increases U7 snRNA levels but not histone 3'-end pre-mRNA processing activity, when overexpressed (By similarity). Required for cell cycle progression from G1 to S phases (By similarity). Binds specifically to U7 snRNA (By similarity). Binds to the downstream cleavage product (DCP) of histone pre-mRNA. {ECO:0000250}.

Molecular Weight: 13.9 kDa

UniProt: [Q8QZX5](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Handling

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months