

Product datasheet

Recombinant Human SNRPD3/Sm-D3 protein ab113120

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human SNRPD3/Sm-D3 protein
Purity	> 85 % SDS-PAGE. ab113120 was purified using conventional chromatography.
Expression system	Escherichia coli
Accession	<u>P62318</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMSIGVPIKVLHEAEGHIVTC ETNTGEVYRG KLIEAEDNMNCQMSNITV TYRDGRVAQLEQVYIRGSKIRFLILPDMLK NAPMLKSMKNKNQGSGAGRGKAAILKAQVAARGRGRGM GRGNIFQ KRR
Predicted molecular weight	16 kDa including tags
Amino acids	1 to 126
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113120** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as SNRPD3.

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

Constituents: 0.002% PMSF, 0.03% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 2.92% Sodium chloride

General Info

Function

Appears to function in the U7 snRNP complex that is involved in histone 3'-end processing. Binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner.

Sequence similarities

Belongs to the snRNP core protein family.

Post-translational modifications

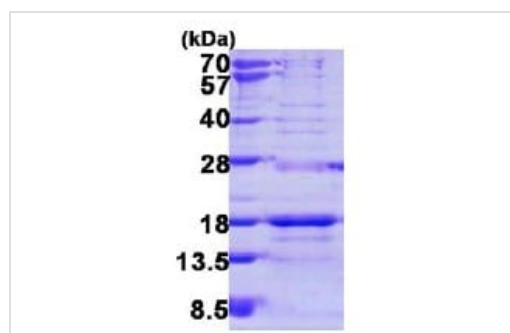
Methylated on arginine residues by PRMT5 and PRMT7; methylation is required for assembly and biogenesis of snRNPs.

Arg-97 is dimethylated, probably to asymmetric dimethylarginine.

Cellular localization

Nucleus.

Images



15% SDS-PAGE analysis of ab113120 (3µg)

SDS-PAGE - Recombinant Human SNRPD3/Sm-D3 protein (ab113120)

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

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