

AR09877PU-L

Human snRNP-D2 / Sm-D2 (1-118, His-tag) - Purified

Alternate names:

SNRPD2, Small nuclear ribonucleoprotein Sm D2, snRNP core protein D2

Quantity:

0.5 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

snRNP-D2 (SNRPD2) is a small nuclear ribonucleoprotein that comprises the spliceosome in eukaryotes. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified.

Uniprot ID:

[P62316](#)

NCBI:

[NP_004588](#)

GeneID:

[6633](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.2M NaCl, 1mM DTT

Description:

Recombinant human SNRPD2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSLLNKPKE MTPEELQKRE EEEFNTGPLS VLTQSVKNNT
QVLINCRNNK KLLGRVKAFD RHCNMVLENV KEMWTEVPKS GKGKKKSKPV NKDRYISKMF
LRGDSVIVVL RNPLIAGK

Molecular weight: 15.6 kDa (138aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

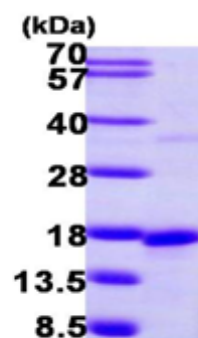
Shelf life: one year from despatch.

General Readings:

Lehmeier T. et al. (1995) Proc Natl Acad Sci U S A, 91:12317-21. Lehmeier T. et al. (1991) Nucleic Acids Res 18: 6475-84.

Pictures:

Recombinant human snRNP-D2 1-118 aa,
His-tagged



15% SDS-PAGE (3ug)