

AR09984PU-L

Human U2 snRNP protein B2 (1-225, His-tag) - Purified

Alternate names:

SNRPB2, U2 small nuclear ribonucleoprotein B, U2 snRNP B''

Quantity:

0.25 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

U2 small nuclear ribonucleoprotein B (SNRPB2) belongs to the RRM U1 A/B family. This protein associates with stem loop IV of U2 small nuclear ribonucleoprotein (U2 snRNP) in the presence of snRNP-A. It may play a role in pre-mRNA splicing. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding the same protein have been found for this gene.

Uniprot ID:

[P08579](#)

NCBI:

[NP_003083](#)

GeneID:

[6629](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.1M NaCl

Description:

Recombinant human SNRPB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MDIRPNHTIY INNMNDKIKK EELKRSLYAL FSQFGHVVDI
VALKTMKMRG QAFVIFKELG SSTNALRQLQ GPFYFGKPMR IQYAKTDSI ISKMRGTFAD
KEKKKEKKKA KTVEQTATTT NKKPGQGTPN SANTQGNSTP NPQVPDYPPN YILFLNNLPE
ETNEMLSML FNQFPGFKEV RLVPRGHDIA FVEFENDGQA GAARDALQGF KITPSHAMKI TYAKK

Molecular weight: 27.6 kDa (245aa), 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.

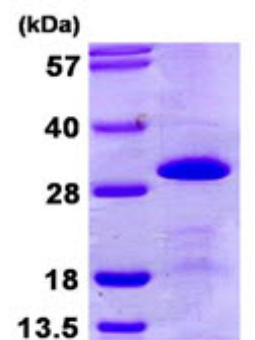
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Guo JX., et al. (2001) Biophys J. 81(2):630-42.

Pictures:



15% SDS-PAGE (3ug)