

Product information

SNRPB2, 1-225aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1044

Full name: U2 small nuclear ribonucleoprotein B

NCBI Accession No.: NP_003083

Synonyms: U2 snRNP B

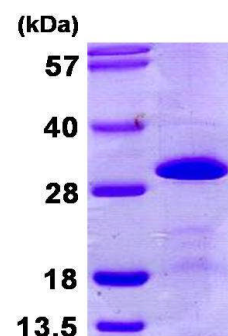
Description: SNRPB2, also known as U2 small nuclear ribonucleoprotein B, belongs to the RRM U1 A/B family. This protein associates with stem loop IV of U2 small nuclear ribonucleoprotein (U2 snRNP) in the presence of snRNP-A. It may play a role in pre-mRNA splicing. Autoantibodies from patients with systemic lupus erythematosus frequently recognize epitopes on the encoded protein. Two transcript variants encoding the same protein have been found for this gene. Recombinant human SNRPB2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.1M NaCl

Molecular Weight: 27.6 kDa (245aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MDIRPNHTIY INNMDKIKK EELKRSLYAL FSQFGHVVDI VALKTMKMRG QAFVIFKELG SSTNALRQLQ
GFPFYGKPMR IQYAKTSDI ISKMRGTFAD KEKKKEKKA KTVEQTATTT NKKPGQGTPN SANTQGNSTP NPQVPDYPPN YILFLNLP
ETNEMLSML FNQFPGFKEV RLVVGRHDIA FVEFENDGQA GAARDALQGF KITPSHAMKI TYAKK

General references:

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

Price S.R., et al. (1998) *Nature.*394:645-650

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.