

Recombinant Human SNRPB2, His-tagged

Cat. No. SNRPB2-3522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNRPB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-225aa).
Species	Human
Source	E.coli
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.
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)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MDIRPNHTIY INNMNDKIKK EELKRSLYAL FSQFGHVVDI VALKTMKMRG QAFVIFKELG SSTNALRQLQ GFPFYGKPMR IQYAKTDSDI ISKMRGTFAD KEKKKEKKKA KTVEQTATTT NKKPGQGTPN

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SANTQGNSTP NPQVPDYPPN YILFLNNLPE ETNEMMLSML FNQFPGFKEV
RLVPGRHDIA FVEFENDGQA GAARDALQGF KITPSHAMKITYAKK

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.

GENE INFORMATION
Gene Name

[SNRPB2 small nuclear ribonucleoprotein polypeptide B \[Homo sapiens \]](#)

Synonyms

SNRPB2; Msl1; MGC24807; MGC45309; U2 small nuclear ribonucleoprotein B"; U2 snRNP B"; small nuclear ribonucleoprotein polypeptide B2

Gene ID

[6629](#)

mRNA Refseq

[NM_003092](#)

Protein Refseq

[NP_003083](#)

MIM

[603520](#)

UniProt ID

[P08579](#)

**Chromosome
Location**

20p12.1

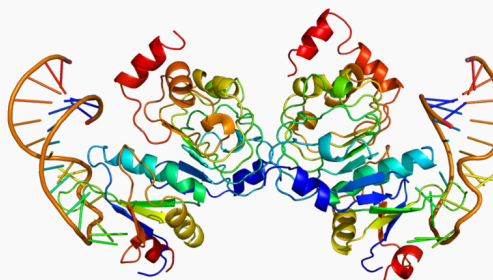
Function

RNA binding; nucleotide binding; protein binding

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