

32-4897: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptides B & B1

Alternative Name : Small nuclear ribonucleoprotein-associated proteins B and B',snRNP-B,Sm protein B/B',Sm-B/B',SmB/B',SNRPB,COD,SNRPB1,SmB/SmB'.

Description

Source : Sf9 insect cells. SNRPB Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 25,433 Dalton. SNRPB is expressed with a -6x His tag at N-terminus and purified by proprietary chromatographic techniques. SNRPB is one of several nuclear proteins which are found in common among U1, U2, U4/U6, and U5 small ribonucleoprotein particles (snRNPs). These snRNPs are involved in pre-mRNA splicing, and the SNRPB protein may also have a role in pre-mRNA splicing or snRNP structure. SNRPB binds to the downstream cleavage product (DCP) of histone pre-mRNA in a U7 snRNP dependent manner. SNRPB functions in the U7 snRNP complex which is involved in histone 3'-end processing.

Product Info

Amount : 10 µg
Purification : Greater than 80% as determined by SDS-PAGE.
Content : SNRPB is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.