
Product Data Sheet

Product Name: SNRPB Human
Cat. No.: GP24638
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Small nuclear ribonucleoprotein-associated proteins B and B'; snRNP-B; Sm protein B/B'; Sm-B/B'; SmB/B'; SNRPB; COD; SNRPB1; SmB/SmB'.		
Formulation	SNRPB is supplied in 20mM HEPES buffer pH-7.5, 0.01mM EDTA and 0.02% SDS.		

Introduction

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.

Stability

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.

Background

SNRPB Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 25.4 kDa which migrates at 30kDa on SDS-PAGE. SNRPB is expressed with a -6x His tag and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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