
Product Data Sheet

Product Name: SNRPD3 Human
 Cat. No.: GP24646
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Small nuclear ribonucleoprotein D3 polypeptide 18kDa; Sm-D3; snRNP core protein D3.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSIGVPIKVL HEAEGHIVTC ETNTGEVYRG KLIEAEDNMN CQMSNITVTY RDGRVAQLEQ VYIRGSKIRF LILPDMLKNA PMLKSMKNKN QGSGAGRGKA AILKAQVAAR GRGRGMGRGN IFQKRR		
Formulation	The SNRPD3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.5M NaCl, 2mM DTT, 0.1mM PMSF and 40% glycerol.		

Introduction

SNRPD3 is a small nuclear ribonucleoprotein (snRNPs) that contains the spliceosome in eukaryotes. SNRPD3 is essential for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Alternative splicing happens in this locus and two transcript variants encoding the same protein were branded.

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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SNRPD3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 146 amino acids (1-126) and having a molecular mass of 16.0 kDa. The SNRPD3 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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

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