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## Product Data Sheet

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Product Name: SNRPD1 Human

Cat. No.: GP24644

Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Small nuclear ribonucleoprotein Sm D1; Sm-D1; Sm-D autoantigen; snRNP core protein D1; SNRPD1; SMD1; SNRPD; HsT2456.		
Formulation	SNRPD1 is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.		

### Introduction

SNRPD1 is a small nuclear ribonucleoprotein which is a member of the SNRNP core protein family. SNRPD1 may act as a charged protein scaffold to stimulate SNRNP assembly or strengthen SNRNP-SNRNP interactions via nonspecific electrostatic contacts with RNA. In the autoimmune disease systemic lupus erythematosus, antinuclear antibodies are developed with Sm specificity.

### 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

SNRPD1 Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 14,306 Dalton. SNRPD1 is expressed with a -6x 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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