

## 32-4902: Recombinant Human Small Nuclear Ribonucleoprotein Polypeptide D1

**Alternative Name :** Small nuclear ribonucleoprotein Sm D1,Sm-D1,Sm-D autoantigen,snRNP core protein D1,SNRPD1,SMD1,SNRPD,HsT2456.

### Description

Source : Sf9 insect cells. 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. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 80% as determined by SDS-PAGE.  
**Content :** Concentration 0.1 mg/ml in sterile PBS  
**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.

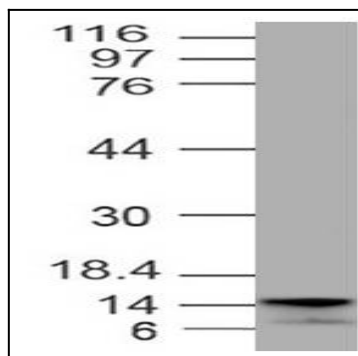


Figure-1: Western Blot analysis of SNRPD1 Antibody: Anti- SNRPD1 Antibody was used at 0.4 µg/ml on Baculovirus expression system.