

Small Nuclear Ribonucleoprotein Polypeptide D2 Human Recombinant

Item Number	rAP-4822
Synonyms	Small nuclear ribonucleoprotein Sm D2, Sm-D2, snRNP core protein D2, SNRPD2, SNRPD1, SMD2.
Description	SNRPD2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 138 amino acids (1-118 a.a.) and having a molecular mass of 15.6kDa. The SNRPD2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P62316
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSLLNKPKSE MTPEELQKRE EEEFNTGPLS VLTQSVKNNT QVLIN-CRNNK KLLGRVKAFD RHCNMVLENV KEMWTEVPKS GKGGKKSKPV NKDRYISKMF LRGDVIVVL RNPLIAGK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The SNRPD2 solution contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**