

SNRPD3, 1-126aa, Human, His tag, E.coli

Cat.NO.: TP03989

3th Edition

Synonyms:Small nuclear ribonucleoprotein Sm D3, Sm-D3, SMD3

Description:SNRPD3 is a small nuclear ribonucleoprotein (snRNPs) that comprises the spliceosome in eukaryotes. It is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. Recombinant human SNRPD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.5M NaCl, 2mM DTT, 0.1mM PMSF

Molecular Weight:16.0 kDa (146aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMSIGVPIKVLHEAEGHIVTCETNTGEVYRGKLIEAEDNMNCQMSNITVTYRDGRVA
QLEQVYIRGSKIRFLILPDMLKNAPMLKSMKNKNQGSGAGRGKAAILKAQVAARGRGRGMGRGNIFQKRR

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.