

Product information



SNRPE, 1-92 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0919

Full Name: Small nuclear ribonucleoprotein E

NCBI Accession No.: NP_003085

Synonyms: B-raf, Sm-E, SME

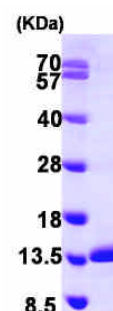
Description: SNRPE, also known as SME, aids in the cytoplasmic construction of the UsnRNPs by binding to a conserved Sm site on UsnRNA and forming a stable snRNP core complex. As a core protein to UsnRNP, the SNRPE associates with the entire U family of snRNAs including U1–U6. SNRPE also interacts with DDX20 and Small nuclear ribonucleoprotein polypeptide F. Recombinant human SNRPE protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 1mM EDTA, 30% glycerol

Molecular Weight: 12.9 kDa (112aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MAYRGQGQKV QKVMVQPINL IFRYLQNRSR IQVWLYEQVN MRIEGCIIGF DEYMNVLVLD AEEIHSKTKS
RKQLGRIMLK GDNITLLQSV SN

General references:

Campion Y., *et al.* (2010) *EMBO J.* 29(11):1817-29.

Dong X., *et al.* (2009) *Nature.* 458(7242):1136-41.

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.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

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Avoid repeated freezing and thawing cycles.

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