

## Recombinant Human SNRPE, His-tagged

Cat. No. SNRPE-3410H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SNRPE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, and 1mM EDTA, 30% glycerol.
<b>Molecular Weight</b>	12.9 kDa (112aa) confirmed by MALDI-TOF.
<b>Purity</b>	> 95% by SDS - PAGE.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SSGLVPRGSH MAYRGQGQKV QKVMVQPINL IFRYLQNRSR IQV WLYEQVN MRIEGCIIGF DEYMNLVLDD AEEIHSKTKSRKQLGRIMLK GDN ITLL QSV SN.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



**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.

**Pathways** Spliceosome; Transcription; Gene Expression; mRNA Processing; Metabolism of RNA

## GENE INFORMATION

**Gene Name** [SNRPE small nuclear ribonucleoprotein polypeptide E \[ Homo sapiens \]](#)

**Synonyms** small nuclear ribonucleoprotein polypeptide E; small nuclear ribonucleoprotein E; snRNP-E; sm protein E; Sm protein E; SmE; SME; Sm-E; B-raf; SNRPE;

**Gene ID** [6635](#)

**mRNA Refseq** [NM\\_003094](#)

**Protein Refseq** [NP\\_003085](#)

**MIM** [128260](#)

**UniProt ID** [P62304](#)

**Chromosome Location** 1q32

**Function** RNA binding; protein binding

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