

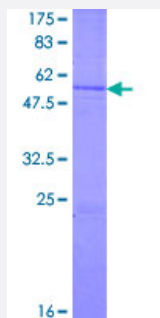
Full-Length

SNRPN (Human) Recombinant Protein (P02)

Catalog # H00006638-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SNRPN full-length ORF (AAH03180.1, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTVGKSSKMLQHIDYRMRCILQDGRIFIGTFKAFDKHMNLILCDCDEFKIKPKNAKQPEREEKRVL
GLVLLRGENLVSMTEGPPPKDTGIARVPLAGAARGPGVGRAAGRGVPAGVPIQAPAGLAGPV
RGVGGPSQQVMTPQGRGTAAAAVAATASIAGAPTQYPPGRGTTPPPVGRATPPPGIMAPPPG
MRPPMGPPIGLPPARGTPIGMPPPGMRPPPPGIRGPPPPGMRPPRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.14

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SNRPN

Entrez GeneID	6638
GeneBank Accession#	BC003180
Protein Accession#	AAH03180.1
Gene Name	SNRPN
Gene Alias	DKFZp686C0927, DKFZp686M12165, DKFZp761I1912, DKFZp762N022, FLJ33569, FLJ36996, FLJ39265, HCERN3, MGC29886, PWCR, RT-LI, SM-D, SMN, SNRNP-N, SNURF-SNRPN
Gene Description	small nuclear ribonucleoprotein polypeptide N
Omim ID	176270 182279
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is one polypeptide of a small nuclear ribonucleoprotein complex and belongs to the snRNP SMB/SMN family. The protein plays a role in pre-mRNA processing, possibly tissue-specific alternative splicing events. Although individual snRNPs are believed to recognize specific nucleic acid sequences through RNA-RNA base pairing, the specific role of this family member is unknown. The protein arises from a bicistronic transcript that also encodes a protein identified as the SNRPN upstream reading frame (SNURF). Multiple transcription initiation sites have been identified and extensive alternative splicing occurs in the 5' untranslated region. Additional splice variants have been described but sequences for the complete transcripts have not been determined. The 5' UTR of this gene has been identified as an imprinting center. Alternative splicing or deletion caused by a translocation event in this paternally-expressed region is responsible for Angelman syndrome or Prader-Willi syndrome due to parental imprint switch failure. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000159463 SM protein N tissue-specific splicing protein

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)