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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SNRPN (Human) Recombinant Protein (P02)

Catalog Number: H00006638-P02

Regulation Status: For research use only (RUO)

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

Sequence:

MTVGKSSKMLQHIDYRMRCILQDGRIFIGTFKAFDKHM
NLILCDCDEFRIKPKNAKQPEREEKRVLGLVLLRGEN
LVSMTVEGPPPKDTGIARVPLAGAARGPGVGRAAGR
GVPAGVPIQAPAGLAGPVRGVGGPSQQVMTPQGRG
TVAAAATAATASIAGAPTQYPPGRGTTPPPVGRATPP
PGIMAPPPGMRPPMGPPIGLPARGTPIGMPPPGMRP
PPPGIRGPPPPGMRPPRP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.14

Interspecies Antigen Sequence: Mouse (99); Rat (99)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 6638

Gene Symbol: SNRPN

Gene Alias: DKFZp686C0927, DKFZp686M12165,

DKFZp761I1912, DKFZp762N022, FLJ33569, FLJ36996, FLJ39265, HCERN3, MGC29886, PWCR, RT-LI, SM-D, SMN, SNRNP-N, SNURF-SNRPN

Gene Summary: 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]