

Product datasheet for **MC209428**

Snrpb (NM_009225) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snrpb (NM_009225) Mouse Untagged Clone
Tag: Tag Free
Symbol: Snrpb
Synonyms: AL024368; AU018828; SM-B; SM11; SMB; SNRNP-B
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209428 representing NM_009225
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGGTGGGCAAGAGCAGCAAGATGCTGCAGCACATTGACTACAGGATGAGGTGCATCCTGCAGGACG
 GCCGCATCTTCATCGGGACCTTCAAAGCCTTTGACAAGCACATGAACTTGATCCTGTGTGACTGTGATGA
 GTTCAGGAAGATCAAGCCAAAGAACTCCAAACAAGCAGAAAGGGAAGAGAAGCGAGTCTTGGTCTGGTG
 TTGCTTCGAGGGGAGAACCTGGTCTCCATGACAGTAGAAGGACCTCCTCCAAAGATACTGGCATTGCC
 GAGTGCCACTTGCTGGAGCTGCTGGGGGCCAGGCATCGGCAGGGCTGCTGGCAGAGGAATCCCGCTGG
 TGTTCTATGCCCCAGGCTCCTGCAGGACTTGCTGGGCCAGTCCGAGGTGTTGGAGGGCCATCCCAACAG
 GTGATGACCCACAAGGAAGAGGCACTGTTGCAGCTGCTGCCGCTGCAGCCACAGCCAGTATTGCAGGAG
 CCCCAACTCAGTACCCACCTGGTCGTGGGGTCTCCTCCACCTATGGGCCGAGGAGCCCTCCTCCAGG
 TATGATGGGCCACCTCCTGGCATGCGGCCTCCATGGTCCCAATGGGGCTCCCTCCTGGCCGAGGA
 ACTCCAATGGGCATGCCCTCCTGGCATGCGGCCTCCTCCTCCAGGCATGCGAGGTCTGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009225
Insert Size: 696 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_009225.2 , NP_033251.1
RefSeq Size:	1121 bp
RefSeq ORF:	696 bp
Locus ID:	20638
UniProt ID:	P27048
Cytogenetics:	2 63.19 cM
Gene Summary:	Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes. Is also a component of the minor U12 spliceosome (By similarity). As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing (PubMed:19470752). [UniProtKB/Swiss-Prot Function]