

Product datasheet for MC210277

Sarnp (NM_025364) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sarnp (NM_025364) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sarnp
Synonyms: 1110005A23Rik; Cip29
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210277 representing NM_025364
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCCGAGACGGTGGAGCTCCACAAGCTGAAGCTTGTGAACTAAAGCAAGAATGTCTTGCTCGTG
 GTTTAGAGACCAAGGGAATAAAACAAGATCTTATAAATAGGCTGCAGGCCTATCTTGAAGACCATGCAGA
 AGAAGAAGCAAAATGAAGAAGATGTACTGGGAGATGAAACTGAGGAAGAAGAACCAAGCCATAGAAGCTG
 CCTGTTAAAGAGGAAGAACCTCCTGAAAAGGCTGTTGATATGGCATCGGAAAAGAAGGTGGTAAAGATTA
 CATCTGGGATACCTCAGACTGAAAGAATGCAGAAGAGGGCTGAACGATTCAATGTACCTGTAAGCCTGGA
 GAGTAAGAAGGCTGCCCGGGCGGCTAGGTTTGGAAATTTCTTCAGTTCCAACAAAAGGTTTATCATCTGAC
 ACCAAGCCTATGGTTAACCTGGATAAACTAAAGGAAAGAGCACAGAGATTTGGTTTGAATGTCTCTTCCA
 TCTCTAGAAAGTCTGAGGATGATGAGAAGCTGAAGAAACGGAAGGAGAGATTTGGGATTGTGACAAGTTC
 AGCTGGAAGTGAACACAGAGGATACAGAGGCAAGAAAAGAAAAGAGCAGAGCGTTTTGGAATTGCA
 TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025364
Insert Size: 633 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_025364.2 , NP_079640.1
RefSeq Size:	1064 bp
RefSeq ORF:	633 bp
Locus ID:	66118
UniProt ID:	Q9D1J3
Cytogenetics:	10 D3
Gene Summary:	<p>Binds both single-stranded and double-stranded DNA with higher affinity for the single-stranded form. Specifically binds to scaffold/matrix attachment region DNA. Also binds single-stranded RNA. Enhances RNA unwinding activity of DDX39A. May participate in important transcriptional or translational control of cell growth, metabolism and carcinogenesis. Component of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway (By similarity).[UniProtKB/Swiss-Prot Function]</p>