

Product datasheet for MC210191

Nsa2 (NM_021552) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsa2 (NM_021552) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nsa2
Synonyms:	5730427N09Rik; LNR42; Nsa2p; Tinp1; Yr29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210191 representing NM_021552 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCACAAAATGAATATATTGAATTGCACGCAAACGATACGGATATCGTTTGGACTACCATGAGAAAA
AGAGAAAGAAAGAAGGTCGGGAGGCCCATGAACGTTCAAAGAAGGCAAAAAAATGATTGGCCTGAAGGC
TAAGCTCTACCATAAACAGCGCCATGCCGAGAAAATACAAATGAAAAAGACTATTAAGATGCATGAGAAG
AGAAACACCAAGCAGAAGGATGATGAGAAGACGCCGAGGAGCAGTCCCTGCCTATCTGCTGGACAGAG
AGGGCCAGTCGAGAGCAAAAGTCCTTTCTAACATGATTAAGCAGAAACGAAAGAAAAGCGGGAAAAATG
GGAGGTCCTCTACCCAAAGTTCGTGCCCAAGGAGAAACAGAAGTATTGAAAGTTATTCGGACAGGAAAA
AGGAAAAAGAAGGCATGGAAGAGAATGGTTACTAAAGTCTGTTTTGTTGGCGATGGCTTTACAAGAAAAAC
CACCGAAATATGAAAGGTTCTATTAGGCCCATGGGTCTACGTTTCAAAAAAGCCCATGTCACACACCTGA
GCTGAAAGCTACCTTTTGCCTGCCTATTCTCGGTGTGAAAAAGAATCCATCGTCCCCATTATATACAACC
CTGGGTGTGATCACCAAGGTACAGTTATTGAAGTGAATGTGAGCGAGCTGGGCCTTGACACAAGGAG
GCAAGGTGATTTGGGAAAGTACGCCCAAGTTACCAACAATCCTGAGAACGATGGGTGCATAAATGCGGT
CTTGCTGGT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_021552
Insert Size:	783 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_021552.5</u> , <u>NP_067527.3</u>
RefSeq Size:	2686 bp
RefSeq ORF:	783 bp
Locus ID:	59050
UniProt ID:	<u>Q9CR47</u>
Cytogenetics:	13 D1
Gene Summary:	Involved in the biogenesis of the 60S ribosomal subunit. May play a part in the quality control of pre-60S particles (By similarity).[UniProtKB/Swiss-Prot Function]