

Product datasheet for **MR209128**

Csrnp1 (NM_153287) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csrnp1 (NM_153287) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csrnp1
Synonyms:	4931429D10Rik; Axud1; CSRNP-1; taip-3; URAX1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209128 representing NM_153287
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGGGCTACTGAAGAGGAAGTTTGACCAGCTGGAAGAGGACGACTCCAGTTCTCCTCCTCCTCAT
 CGTTCTCTAGCCGGCTCTCTCTCCTCCTTCCCCTCTTCTGCCTCCCCTGCCTGGAACCTCTGATGA
 GGAGGGACCAGGTGGTCAGGCACCCAGTCTGATCAGGACTCCTGTGGCCTCCAGAGTTTCACTCCCCCG
 TCCATCTGAAGCGGGCTCCTCGGGAGCGTCCAGGTACAGTGGCCTTTAACGGCATCACCGTCTACTATT
 TCCCACGGTGCCAGGGATTACCAGTGTGCCAGCCGTGGTGGCTGTACCCTGGGCATGGCTTCTCGGCA
 CAGCACCTGCCGCTTTTCTCCTTAGCTGAGTTTACACAGGAGCAGGTCCGGGCTCGGCGTGAGAAGCTC
 CGCCCGCTTTAAAGGAGGAGAAGCTGGAGATGCTGAGGTGGAAGTTTTCAGTGGCTGGAGTTCCGGAGT
 CAGGGGCAGGCGTGCCTCTCACAGCGGATGCCATCGATGACGCCCTGTAGAGGAGGACTTGGCAGTGGC
 CGTGGCAAATGGCCGCTGGAGGAAGCCAATTTCTCCAGCCCCATCCACCTCGCAGCGCAGGGCTCTC
 CTTCCGGGCTTCCGGCGTTTGAAGGATTGACCGAGAGGAGAAGCGGGAGCTGCAGGTGCTGCCAGTCCC
 GGGAGGATTGTGGTTGCTACTGTGATGGCGTCTGTGACCTGAGACCTGCAGTTGCAGCTTGGCCGGCAT
 TAAGTGCCAGATGGATCACACGTCCTTCCCCTGTGGCTGCTGCAGGGAGGGCTGCGAGAACCCCAATGGT
 CGAGTGAATTAATCAGACAAGAGTTCAGACGCACTTCAATCACACCCTCACCCGCTGCAGATGGAGC
 AGGGTGCCGAGAGCTTGGGGACCTGGAGTCCCCCGTGGAGGACACTCCTGTTGAACAAGCCGCGCTTTC
 CCCCTTCCGCTTCCAAGCCCCCTGTGAGCAGTGAACGGGGACAGCAGTTGCAGCAGCGATATGACA
 GACTCTTCCAGACCTTGTCTCTGGCAGCAGCGAGCCTCAAACCACCCTGCCACCCAGCCTGCCAG
 TCCCCAGCTTCCGGTCTGGCGTAGATGAAGACAGCCTGGAACAGATCCTGAATTTCACTGACTGACT
 CGGAATTGAGGAGGAGGAGGAGGGAGGGGGTGTGGCAACTTGATTAACCTCAGCTGCTTCCATCTG
 GCTGACATCTTGGTACCGGTGACCCCGCAGCCTGGCCAGCTGGACTCACAGCCAGTCTGGCTCTAGCC
 TCGCATCGGGCATCTAGATGAGAATGCCAACCTGGACGCCAGTTGCTTCTGAACAGCGGACTTGGAGG
 GCTGAGAGAAGGTAGCCTCCCTGGCAGTTCTGGTCCCCTGAGGGGGACGCCGTCAGAGCAGCTCTGG
 GACCTCAGCTTATCCTCTGTGACTCCTTTGAGCTTCTCCAGGCTCTGCCAGATTATAGTCTGGACCTC
 ACTATACTTCCGAAGGGTGTGGGCAGCCGGATAGCCTTGGACCTTCCACCATTGCCAGCTTCTC
 TCCACCACGGGATGCGAGCACTTGTCTTCTGGAGTCTCTCGTGGCCTGTCTGAGCCGGTACAGAAGTC
 CTGGCACCCCTTCTGGAGAGCCAGTTTGGAGATGCTGCCTTGGCACCTTTGTTGGAGCCTGTGCCAGTG

ACCGGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209128 representing NM_153287
 Red=Cloning site Green=Tags(s)

MTGLLKRKFDQLEEDSSSSSSSSSSSRLSLSSFPASSASPAWNSDEEGPGGQAPQSDQDSCGLQSFPTP
 SILKRAPRERPGHVAFNGITVYFFPRCQGFSTVPSRGGCTLGMASRHSTCRLFSLAEFTQEQVRRREKL
 RRRRLKEEKLEMLRWKFSVAGVPESGAGVPLTADAIDDASVEEDLAVAVANGRLEEANFLQPHPPRQRRAL
 LRASGVRRIDREKRELQVLRQSDREDCGCHDGVCDPETCSCSLAGIKQMDHTSFPCGCCREGCENPNG
 RVEFNQTRVQTHFIHTLTRLQMEQGAESLGDLESPVEDTPVEQAALSPFPPSKPPVSSSELGDSSCSSDMT
 DSSTLLSSGSSEPPNHPAHPSLPGPSFRSGVDEDSLEQILNFSDSLGIEEEEEEGGVGNLDNLSCFHL
 ADIFGTGDPGLASWTHSQSGSSLASGILDENANLDASCFLNGLGGLREGSLPGSSGSPGDAVQSSSW
 DLSLSSCDSFELLQALPDYSLGPHYTSRRVSGSPDSLETFHPLPSFPPRDASTCFLESLVGLSEPVTEV
 LAPLLESQFEDAALAPLLEPPVPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9081_c11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

ACCN: NM_153287

ORF Size: 1749 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

RefSeq: [NM_153287.4](#)

RefSeq Size: 2890 bp

RefSeq ORF: 1752 bp

Locus ID: 215418

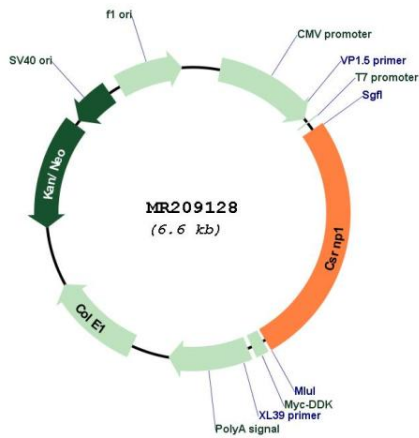
UniProt ID: [P59054](#)

Cytogenetics: 9 F4

MW: 62.5 kDa

Gene Summary: Binds to the consensus sequence 5'-AGAGTG-3' and has transcriptional activator activity. May have a tumor-suppressor function. May play a role in apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209128