

Product datasheet for **MG209128**

Csrnp1 (NM_153287) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csrnp1 (NM_153287) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Csrnp1
Synonyms:	4931429D10Rik; Axud1; CSRNP-1; taip-3; URAX1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209128 representing NM_153287
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGGGCTACTGAAGAGGAAGTTTGACCAGCTGGAAGAGGACGACTCCAGTTCTCCTCCTCCTCAT
 CGTTCTCTAGCCGGCTCTCTCTCCTCCTCCCGCCTTTCTGCCTCCCTGCCTGGAACCTCTGATGA
 GGAGGGACCAGGTGGTCAGGCACCCAGTCTGATCAGGACTCCTGTGGCCTCCAGAGTTTCACTCCCCCG
 TCCATCTGAAGCGGGCTCCTCGGGAGCGTCCAGGTACAGTGGCCTTTAACGGCATCACCGTCTACTATT
 TCCCACGGTGCCAGGGATTACCAGTGTGCCAGCCGTGGTGGCTGTACCCTGGGCATGGCTTCTCGGCA
 CAGCACCTGCCGCTTTTCTCCTTAGCTGAGTTTACACAGGAGCAGGTCCGGGCTCGGCGTGAGAAGCTC
 CGCCCGCTTTAAAGGAGGAGAAGCTGGAGATGCTGAGGTGGAAGTTTTCAGTGGCTGGAGTTCCGGAGT
 CAGGGGCAGGCGTGCCTCTCACAGCGGATGCCATCGATGACGCCCTGTAGAGGAGGACTTGGCAGTGGC
 CGTGGCAAATGGCCGCTGGAGGAAGCCAATTTCTCCAGCCCCATCCACCTCGGCAGCGACGGGCTCTC
 TTTCGGGCTTCCGGCGTTTGAAGGATTGACCGAGAGGAGAAGCGGGAGCTGCAGGTGCTGCCAGTCCC
 GGGAGGATTGTGGTTGTCACTGTGATGGCGTCTGTGACCCTGAGACCTGCAGTTGCAGCTTGGCCGGCAT
 TAAGTGCCAGATGGATCACACGTCCTTCCCCTGTGGTGTGTCAGGGAGGGCTGCGAGAACCCCAATGGT
 CGAGTGAATTAATCAGACAAGAGTTCAGACGCACTTCAATCACACCCTCACCCGCTGCAGATGGAGC
 AGGGTGCCGAGAGCTTGGGGACCTGGAGTCCCCCGTGGAGGACACTCCTGTTGAACAAGCCGCGCTTTC
 CCCCTTCCGCTTCCAAGCCCCCTGTGAGCAGTGAACGGGGACAGCAGTTGCAGCAGCGATATGACA
 GACTCTTCCAGACCTTGTCTCTGGCAGCAGCGAGCCTCAAACCACCCTGCCACCCAGCCTGCCAG
 TCCCCAGCTTCCGGTCTGGCGTAGATGAAGACAGCCTGGAACAGATCTGAATTTTCAGTACTGACTGACT
 CGGAATTGAGGAGGAGGAGGAGGAGGGGGTGTGGCAACTTGGATAACCTCAGCTGCTTCCATCTG
 GCTGACATCTTGGTACCGGTGACCCCGCAGCCTGGCCAGCTGGACTCACAGCCAGTCTGGCTCTAGCC
 TCGCATCGGGCATCTAGATGAGAATGCCAACCTGGACGCCAGTTGCTTCTGAACAGCGGACTTGGAGG
 GCTGAGAGAAGGTAGCCTCCCTGGCAGTTCTGGTCCCCCTGAGGGGGACGCCGTCAGAGCAGCTCTGG
 GACCTCAGCTTATCCTCTGTGACTCCTTTGAGCTTCTCCAGGCTCTGCCAGATTATAGTCTGGGACCTC
 ACTATACTTCCGAAGGGTGTGGGCAGCCGGATAGCCTTGGACCTTCCACCCATTGCCAGCTTCTC
 TCCACCACGGGATGCGAGCACTTGCTTCTGGAGTCTCTCGTGGGCTGTCTGAGCCGGTTACAGAAGTC
 CTGGCACCCCTTCTGGAGAGCCAGTTTGGAGATGCTGCCTTGGCACCTTTGTTGGAGCCTGTGCCAGTG

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209128 representing NM_153287
 Red=Cloning site Green=Tags(s)

MTGLLKRKFDQLEEDSSSSSSSFSSRLSLSSFPASSASPAWNSDEEGPGGQAPQSDQDSCGLQSFTTP
 SILKRAPERPGHVAFNGITVYYFPRCQGFSTVPSRGGCTLGMASRHSTCRLFSLAFTQEQVRRREKL
 RRRRLKEEKLEMLRWKFSVAGVPESGAGVPLTADAIDDASVEEDLAVAVANGRLEEANFLQPHPPRQRRL
 LRASGVRRIDREKRELQVLRQSRDCGCHCDGVCDPETCSCSLAGIKCQMDHTSFPCGCCREGCENPNG
 RVEFNQTRVQTHFIHTLTRLQMEQGAESLGDLESPVEDTPVEQAALSPFPPSKPPVSSSELGDSSCSSDMT
 DSSTLLSSGSSEPPNHPAHPSLPGPSFRSGVDEDSLEQILNFSDDLGIEEEEEGGGVGNLDNLSCFHL
 ADIFGTGDPGSLASWTHSQSGSSLASGILDENANLDASCFLNSGLGGLREGSLPGSSGSPEGDAVQSSSW
 DLSSLSSCDSFELLQALPDYSLGPHYTSRRVSGSPDSLETFHPLPSFSPPRDASTCFLESLVGLSEPVTEV
 LAPLLESQFEDAALAPLLEPVVP

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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](#)

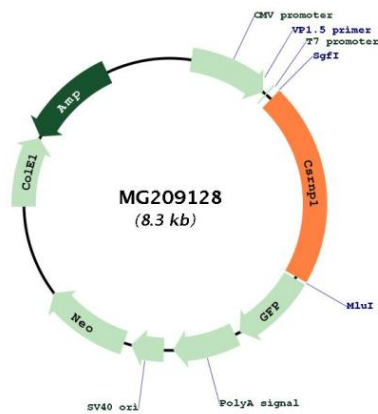
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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
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 MG209128