

Product datasheet for **MR230175**

Csrnp3 (NM_001290666) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csrnp3 (NM_001290666) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csrnp3
Synonyms:	A330102K23Rik; Csrnp3; CSRNP-3; Mbu1; taip-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR230175 representing NM_001290666
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGACGCCTCCTACCATGCTCCTCTGCTCGGAATCGGATGATGAAGTCTCCAGCAGCGAAAGTGC
 TGACAGCGGGGATAGCGTCAATCCATCCACCTCAAATCACTTCACCCATGACTAAGAATGGCACTGTAGA
 GTCTGAGGAAGCTAGCACCTGACCGTGGATGACATTTCCGATGACGATATTGATCTGGACAACCCGAA
 GTGGACGAATACTTCTTCTACAACCCCTGCCACAAAAAGCGGAGAGCTCTGCTGCGCGCCTCGGGGG
 TGAAGAAGATCGACGTTGACGAGAAGCAGAACTGCGGGCCATCCGCCTTCTCGGGAGGACTGTGGCTG
 TGACTGCAGAGTGTCTGTGATCCAGAAACCTGTACCTGCAGCCTGCCAGGCATTAAGTGTGAGGTGGAT
 CGTATGTCTTTCCATGTGGCTGCACTAAAGAAGGCTGTAGTAACACAGCAGGTAGAATTGAATTCAATC
 CTATCCGTGTCGGACTCATTTTTTGCACACAATAATGAAACTTGAAGTGGAGAAGAACCAGAGCAACA
 AACCCCAACGCTGAATGGCTGCCACGGGAGATAAGCGCCCATGGTCCTCCATGGGCCCTGTCGCTCAC
 TCTGTAGAATATTCATCGCAGACAATTCGAGATTGAAACCGAACCCAGGCTGCTGTGCTGCACCTAC
 AGGAGGAACTGGACTGCCAAGGAGATGAGGAGGAAGAGGAGGAGGACGGAAGCAGTTCCTGCAGTGGAGC
 CACTGATTCTAGCACCCAAAGCCTGGCTCCAGTGAATCGGATGAGGAAGAGGAGGAGGAGGAAGAAGAA
 GAGGAAGAGGAGGAGGAAGATGACGACGACGACAAGGGAGATGGCTTTGTAGAAGGGCTCGGAGCCATA
 CGGAGGTGTCGCCCTTCCGTCTGTCTTTGTTACTCTGATGGCACCCGAGTTCATGAAAGCCACACAAA
 AAATGCTTCATTTACGTAGCTCTTCAACTCTCTACTACCAAATAGATAGTCACATCCCAGGAACTCCT
 AGCCAGCTCTCTGACAATTTCTGAAAGAGATACTGTCAAAAACGGTGCCTTTTCGCTGGTGCCTTACG
 CCATGACCCAGAGAGGTTTGTGACTACGCCAGGCAAGCAGAAGAGGCCATATGGAGCCTCCCCTACCC
 AGCTGCCAATCCGTCTGTATCGTTTGTGCTGCCCACTCTGAAAACGATAGTGGGGTGCCTGTAAACCC
 TTGTATCTGAACACAGTCCAATCTTCCCAAGTGGAGTTTCACTCATACTTGAAGGCCCTGCCCAGG
 AAGGGTTTGTTCACATTGAATGGCGACGCCACATTCAGAGCATCCTGCAGAAAATCCTTTGAGCCT
 TGCAGAAAAGAGCAGATTGCATGAAGAGTGCATTCAGTCCCCCGTGGTGGAAACGGTCCCCGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230175 representing NM_001290666
 Red=Cloning site Green=Tags(s)

MWTPPHHAPLLGNRMKSPAALKVLTAGIASIHPPQITSPMTKNGTVESEESTLTVDDISDDIDLDNTE
 VDEYFFLQPLPTKKRRALLRASGVKKIDVDEKHELRAIRLSREDCGDCRVFCDPETCTCSLAGIKQVD
 RMSFPCGCTKEGCSNTAGRIEFNPIRVRTHFLHTIMKLELEKNREQQPTPLNGCHGEISAHGSPMGVAH
 SVEYSIADNFEIETEPQAAVLHLQEELDCQDEEEEEEDGSSFCSGATDSSTQSLAPSEDEEEEEEEEE
 EEEEEEDDDDKDGFVEGLGAHTEVVPLPSVLCYSDGTAVHESHTKNASFYASSSTLYYQIDSHIPGTP
 SQLSDNYSERDVTKNGALSLVPYAMTPERFVDYARQAEAYGASHYPAANPSVIVCCPTSENDSGVPCNP
 LYPEHRNLPQVEFHSYLKGP AQE G F V S T L N G D S H I S E H P A E N P L S L A E K S R L H E E C I Q S P V V E T V P V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

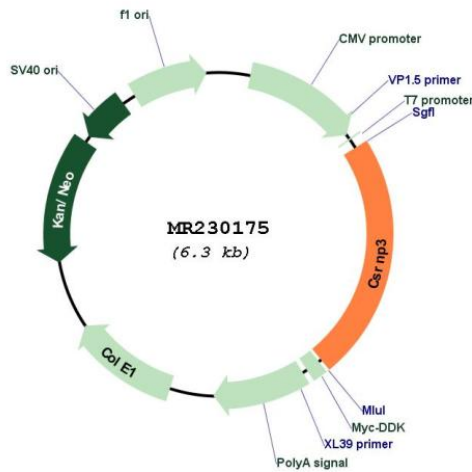
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001290666

ORF Size:

1464 bp

OTI Disclaimer:

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_001290666.1](#), [NP_001277595.1](#)

RefSeq Size: 10266 bp

RefSeq ORF: 1467 bp

Locus ID: 77771

Cytogenetics: 2 C1.3

MW: 54.1 kDa

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