

Product datasheet for **MG215316**

Csnka2ip (NM_173861) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnka2ip (NM_173861) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Csnka2ip
Synonyms:	Ckt2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215316 representing NM_173861 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAGGAAAGCCAAACCCTCGTCCTGGTCCCCGCCTTTCATCAACATATTCTGTTTGTAGAGTGTG
CTTCCGCCATAAAATCCCAGTGTAAACATCTTTCAGGAAAGAGAGATCCTCGATGCGCAACCCTTTGT
CATACCAACACCCGAGAGCAGCACCGATGGGAAAGTAGATGTGAAAATAATCCTTATCCTTTCTCTACCA
GAGAAGCCTTCTCAACCTGTTTCCAACCTCCTATGAAAGACAGTAAATCTGAAAATAATTTAGAAGCCC
TCGATGACAATCTGGACGTATTAGAGAAGATTACACAGTTTTTCCCTGCATCCGAATCTGATTTTATCCA
GGGCTCAAGACAAAGCGAAAGTGTGGCTGTATCCTCCGAGAGCAAAGATTTAAGCCAAGAGCCCCAG
TCTATTGACTGGCTGCTGTATGTTAAAAATAGTAATGGTATTCAGCTCGAAACCCAGGTTCAAGGCCAT
CCTCCTCCTTCTTCTCCTGCTCCTCTGTTTCTCCTCCTCCTCTGCTTCATCTATTGGCCGTCCTC
TCCACCCACTCCTTGGGTAGATCCCACTCCGGTCCGGTTTCAGGATATGTTCTTGCAAAGGTGAGAAGT
TATCACAGGTTACCTCCAGGGACCTCCTGGCTTGAGTTCATAAGGGGTTCAAGTTCTGACACCATCAAAC
TAAGACAATCACCACCAGTCAAAGCCAAGCCTGTGAGGTCTCACAACCGAAATGCTTGAAAAAGGGGAA
AAGGAAACCAGTGGCTGCTCAGATATTTCAAACAAAGTTTCAAATGAGAAATCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG215316 representing NM_173861
 Red=Cloning site Green=Tags(s)

MRGKPNRPPGPRLSSTYSVCLECASAIKSQC�HLSGKRDPRCATLFIPTPESSDTGKVDVKIILISLP
 EKPSSTCFQLPMKDSKSENNLEALDDNLDVLEKITQFFPASESDFIQGLKTKRKCLAVSSESKDLSQEPQ
 SIDWLLYVKNSNGIQLETQVQGPSSSSSSSSSSSSASSIGRPSPTPWVDPTVPVSGYVLAKVRS
 YHRLPPGTSWLEFIRGSSSDTIKLRQSPPVKAKPVRSHNSKCLKKKGKRETSALLRYVFQTKFQNEKS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_173861

ORF Size: 828 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_173861.2](#), [NP_776286.1](#)

RefSeq Size: 1325 bp

RefSeq ORF: 831 bp

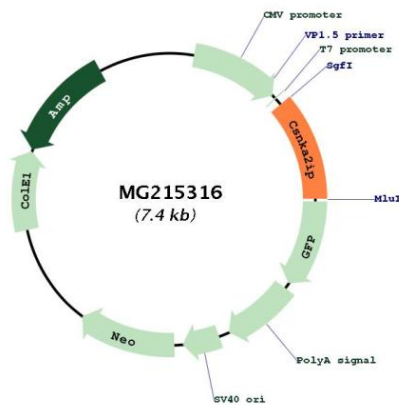
Locus ID: 224291

UniProt ID: [Q8CH19](#)

Cytogenetics: 16 C1.3

Gene Summary: May play a role in chromatin regulation of male germ cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215316