

Product datasheet for **RR203828**

Cish (NM_031804) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cish (NM_031804) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cish
Synonyms:	Cis
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR203828 representing NM_031804 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTCCTCTGCGTACAGGGATCTTGTCCTTTGCTGGTTGTGGAGCAAATTGGGCAGCGCCTCTGTGGG
CCCAGTCCCTGGAGCTGCCCGGGCCAGCCATGCAGCCCTTACCCACTGGGGCATTCCAGAGGAGGTGAC
AGAGGAGACCCCTGTCCAGTCAGAGAATGAACCGAAGGTGCTAGACCCTGAGGGAGATCTGCTGTGCATA
GCCAAGACGTTCTCTACCTCCGGAATCTGGTTGGTACTGGGGTTCCATTACAGCCAGTGAGGCCCGGC
AGCATCTACAGAAGATGCCGGAGGGCACATTCTCGTGCGAGACAGCACCCACCCAGCTACCTGTTTAC
ATTGTCAGTCAAAACCACCCGTGGCCCCACCAATGTACGCATCGAGTATGCCGACTCTAGCTTCCGACTG
GACTCCAATTGCTTGTGCGAGACCTCGAATCCTGGCCTTCCAGATGTGGTCAGCCTTGTGCAGCATTACG
TGGCCTCCTGTACGGCTGACACCCGGAGTGACAGCCCAGATCCTGCTCCCACCCAGCCCTGCCTGTGCC
GAAGCCAGATGCACCTGGTGACCCAGTACTGCCTATCCCCGTGGCTACTGCTGTGCACCTGAAATTTGGT
CAGCCCTTTGTGCGCAGGAGCAGCGCCCGCAGCTTACAACACCTGTGTCGGCTAGTCATCAACCGACTGG
TGACCGATGTGGACTGCCTACCCCTGCCCGGCGCATGGCCGACTACCTCCGACAGTACCCGTTCCAGCT
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203828 representing NM_031804
Red=Cloning site Green=Tags(s)

MVLCVQGSCPLLVEQIGQRPLWAQSLLELPGPAMQPLPTGAFPEEVTEETPVQSENEPKVLDPEGDLLCI
 AKTFSYLRESGWYWSITASEARQHLQKMPEGTFLLVRDSTHPSYLFLLSVKTTTRGPTNVRIEYADSSFRL
 DSNCLSRPRILAFPDVSLVQHYVASCTADTRSDSPDPAPTPALVPKPDAPGDPVLPVATAVHLKLV
 QPFVRRSSARSLQHL CRLVINRLVTDVDCLEPLPRRMADYLRQYPFQL

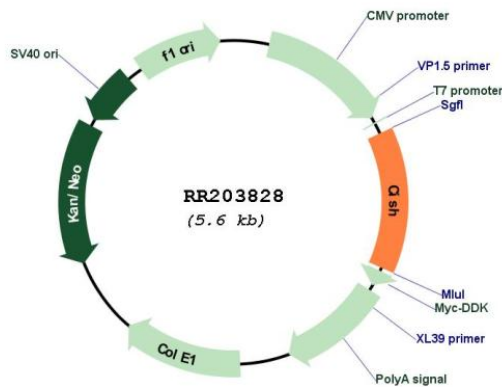
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_031804
ORF Size: 771 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:	<ol style="list-style-type: none">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_031804.1 , NP_113992.1
RefSeq Size:	1879 bp
RefSeq ORF:	774 bp
Locus ID:	83681
Cytogenetics:	8q32
MW:	28.5 kDa
Gene Summary:	mouse homolog is a negative regulator of cytokine signaling [RGD, Feb 2006]