

Product datasheet for **RC204069**

CCZ1B (NM_198097) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCZ1B (NM_198097) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCZ1B
Synonyms:	C7orf28A; C7orf28B; CCZ1; H_NH0577018.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC204069 representing NM_198097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAGCGGCGGCCGGGGCGGGAGCGGGCCCTGGGCGGCCCAGGAGAAGCAGTTCGCCCGGCGC
 TGCTGAGTTTCTCATCTACAACCCGCGCTTCGGGCCGCGGAAGGACAGGAGGAAAAATAAGATTTTATT
 TTATCATCCAAATGAGGTAGAAAAGAATGAGAAGATTAGAAATGTCGGATTGTGTGAAGCTATTGTACAG
 TTTACAAGGACATTTAGCCCATCAAAACCTGCAAAATCTTTACATACACAGAAGAACAGACAGTTCTTCA
 ATGAACCAAGAAAAATTTCTGGATGGTCATGTTGTTGCGGAATCCTATAATTGAAAAACAGAGTAAAGA
 TGGAAAACCAAGTATTGAATATCAAGAGGAGGAGTTGTTGGACAAGGTTTATAGCTCGGTGCTCGGCAG
 TGCTACAGCATGTACAAGCTTTTAAATGGTACATTTCTGAAAGCCATGGAAGACGGAGGCGTCAAGCTTC
 TGAAAGAAAGATTAGAGAAATTTCCATCGGTATTTGCAACGCTACATTTGCAGTCATGTGACCTACT
 TGACATTTTGGTGAATCAGCTTCTTCCGTTGGATAAAATGACTTATTTGAAATCCAGTCCTTTATT
 AATAGAATGGAGGAAAGCCTGAATATAGTCAAATACACTGCTTTTCTCTATAACGATCAGCTCATCTGGA
 GTGGATTAGAACAAGATGACATGAGAATTTTATACAAATACCTTACCACCTCCCTTTTCCCAAGGCACAT
 CGAACCTGAGTTAGCAGGAAGGATTCTCCAATAAGAGCAGAAATGCCAGGAAATCTTCAACACTATGGA
 AGATTTCTTACCGGACCTTGAACCTCAATGATCCAGATGCAAAATGCAGATTCCTCAAAATTTTGTAA
 ATACAGATGACACTTATGAAGAGCTCCATTTAATCGTTTATAAGGCCATGAGTGCGGCTGTGTGCTTTAT
 GATCGACGCTCTGTCCACCAACGTTGGATTTTGGCGAAGACTGGACAGCATCGTTGGGCCAGCTC
 ACAGTGCTGGCCTCTGACATCTGTGAACAGTTTAAACATCAACAAGAGGATGTCTGGTCTGAGAAAGAAC
 CCCAGTTTAAGTTTATCTACTTCAACCACATGAATCTCGCCGAGAAGAGCACAGTTCACATGAGGAAAAAC
 GCCCAGCGTGTGCTCACTTCCGTGCACCCGGATTTAATGAAGATTCTCGGTGACATCAACAGTGACTTT
 ACCAGAGTGGATGAAGATGAGGAGATCATTGTGAAGGCCATGAGTGATTACTGGGTTGTTGAAAGAAGT
 CTGATCGGCGGGAGCTCTATGTTATTTGAATCAAAAAATGCAACCTGATTGAAGTAAATGAAGAGGT
 CAAGAACTTTGTGCAACGCAGTTCAACAACATCTTCTTGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204069 representing NM_198097
 Red=Cloning site Green=Tags(s)

MAAAAAGAGSGPWAAQEQFPALLSFFIYNPRFGPREGQEENKILFYHPNEVEKNEKIRNVGLCEAIVQ
 FTRTFSPSKPAKSLHTQKNRQFFNEPEENFWMVMVVRNPIIEKQSKDGKPVIEYQEEELLDKVYSSVLRQ
 CYSMYKLFNGTFLKAMEDGGVKLLKERLEKFFHRYLQTLHLQSCDLLDIFGGISFFPLDKMTYLIKISFI
 NRMEESLNIVKYTAFLYNDQLIWSGLEQDDMRILYKYLTTSLFPRHIEPELAGRDSPIRAEMPGNLQHYG
 RFLTGPLNLNDPAKCRFPKIFVNTDDTYEELHLIVYKAMSAAVCFMIDASVHPTLDFCRRLDSIVGPQL
 TVLASDICEQFNINKRMSGSEKEPQKFIFYNHMNLAEKSTVHMRKTPSVSLTSVHPDLMKILGDINSDF
 TRVDEDEEIIVKAMSDYVVGKKSRRRELYVILNQKNANLIEVNEEVKKLCATQFNIFFLD

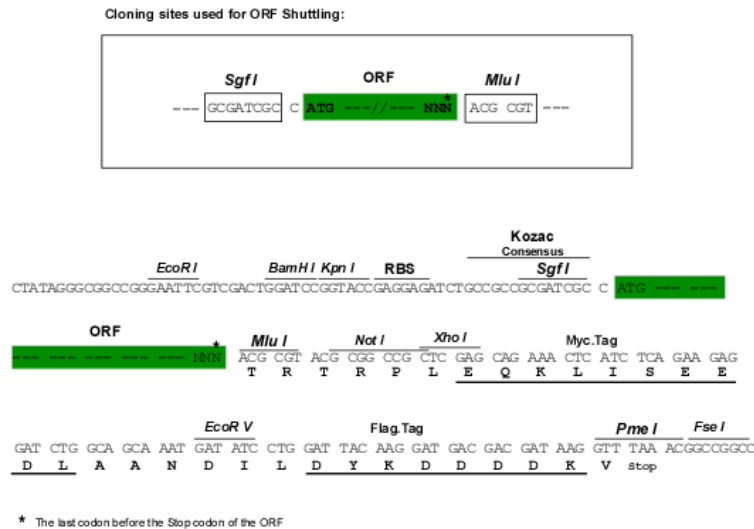
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8100_h09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_198097

ORF Size: 1446 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198097.5](#)

RefSeq Size: 1854 bp

RefSeq ORF: 1449 bp

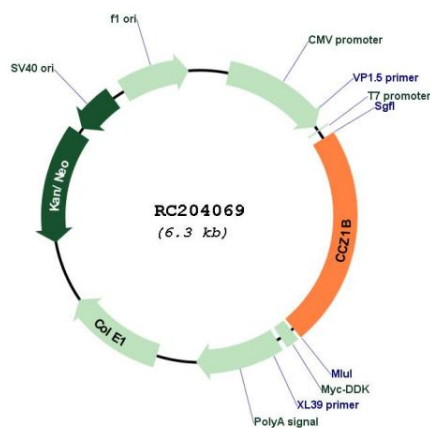
Locus ID: 221960

UniProt ID: P86790

Cytogenetics: 7p22.1

MW: 55.9 kDa

Product images:



Circular map for RC204069