

Product datasheet for **RG204069**

CCZ1B (NM_198097) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCZ1B (NM_198097) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCZ1B
Synonyms:	C7orf28A; C7orf28B; CCZ1; H_NH0577018.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG204069 representing NM_198097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAGCGGCGGCCGGGGCGGGAGCGGGCCCTGGGCGGCCCAGGAGAAGCAGTTCCTCGCGCGC
 TGCTGAGTTTCTTCATCTACAACCCGCGCTTCGGGCCGCGCAAGGACAGGAGGAAAAATAAGATTTTATT
 TTATCATCCAATGAGGTAGAAAAGAATGAGAAGATTAGAAATGTCGGATTGTGTGAAGCTATTGTACAG
 TTTACAAGGACATTTAGCCCATCAAAACCTGCAAAATCTTTACATACACAGAAGAACAGACAGTTCCTCA
 ATGAACCAAGAAAAATTTCTGGATGGTCATGTTGTTTCGGAATCCTATAATTGAAAAACAGAGTAAAGA
 TGGAAAACCAAGTATTGAATATCAAGAGGAGGAGTTGTTGGACAAGGTTTATAGCTCGGTGCTGCGGCAG
 TGCTACAGCATGTACAAGCTTTTAAATGGTACATTTCTGAAAGCCATGGAAGACGGAGGCGTCAAGCTTC
 TGAAAGAAAGATTAGAGAAATTTCCATCGGTATTTGCAACGCTACATTTGCAGTCATGTGACCTACT
 TGACATTTTGGTGAATCAGCTTCTTCCGTTGGATAAAATGACTTATTTGAAAATCCAGTCCTTTATT
 AATAGAATGGAGGAAAGCCTGAATATAGTCAAATACACTGCTTTTCTCTATAACGATCAGCTCATCTGGA
 GTGGATTAGAACAAGATGACATGAGAATTTTATACAAATACCTTACCACCTCCCTTTTCCCAAGGCACAT
 CGAACCTGAGTTAGCAGGAAGGGATTCTCCAATAAGAGCAGAAATGCCAGGAAATCTTCAACACTATGGA
 AGATTTCTTACCGGACCTTGAACCTCAATGATCCAGATGCAAAATGCAGATTCCTCAAAATTTTGTAA
 ATACAGATGACACTTATGAAGAGCTCCATTTAATCGTTTATAAGGCCATGAGTGCGGCTGTGTGCTTTAT
 GATCGACGCTCTGTCCACCAACGTTGGATTTTTCGCAAGACTGGACAGCATCGTTGGGCCCCAGCTC
 ACAGTGCTGGCCTCTGACATCTGTGAACAGTTTAAACATCAACAAGAGGATGTCTGGGTCTGAGAAAGAAC
 CCCAGTTTAAGTTTATCTACTTCAACCACATGAATCTCGCCGAGAAGAGCACAGTTCACATGAGGAAAAAC
 GCCCAGCGTGTCGCTCACTTCCGTGCACCGGATTTAATGAAGATTCTCGGTGACATCAACAGTGACTTT
 ACCAGAGTGAGTGAAGATGAGGAGATCATTGTGAAGGCCATGAGTGATTACTGGGTTGTTGAAAGAAGT
 CTGATCGGCGGGAGCTCTATGTTATTTGAATCAAAAAATGCAACCTGATTGAAGTAAATGAAGAGGT
 CAAGAACTTTGTGCAACGCAGTTCAACAACATCTTCTTCTGGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG204069 representing NM_198097
 Red=Cloning site Green=Tags(s)

MAAAAAGAGSGPWAAQEKQFPPALLSFFIYNPRFGPREGQEENKILFYHPNEVEKNEKIRNVGLCEAIVQ
 FTRTFSPSKPAKSLHTQKNRQFFNEPEENFWMVMVVRNPIEKQSKDGKPVIEYQEEELLDKVYSSVLRQ
 CYSMYKLFNGTFLKAMEDGGVKLLKERLEKFFHRYLQTLHLQSCDLLDIFGGISFFPLDKMTYLIKISFI
 NRMEESLNIVKYTAFLYNDQLIWSGLEQDDMRILYKYLTTSLFPRHIEPELAGRDSPIRAEMPGNLQHYG
 RFLTGPLNLNDPAKCRFPKIFVNTDDTYEELHLIVYKAMSAAVCFMIDASVHPTLDFCRRLDSIVGPQL
 TVLASDICEQFNINKRMSGSEKEPQFKFIYFNHMLAEKSTVHMRKTPSVSLTSVHPDLMKILGDINSDF
 TRVDEDEEIIVKAMSDYVWVGKSDRRELYVILNQKNANLIEVNEEVKKLCATQFNNIFFLD

TRTRPLE – GFP Tag – V

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.

RefSeq: [NM_198097.5](#)

RefSeq Size: 1854 bp

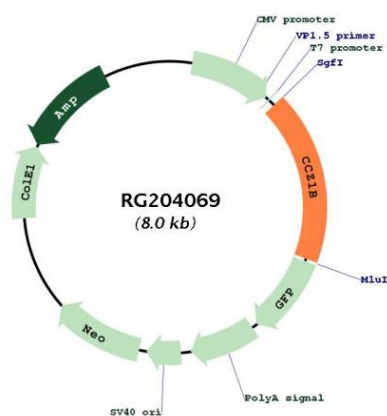
RefSeq ORF: 1449 bp

Locus ID: 221960

UniProt ID: [P86790](#)

Cytogenetics: 7p22.1

Product images:



Circular map for RG204069