

Product datasheet for **MG208913**

Cct8l1 (NM_198621) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Cct8l1
Synonyms:	Gm443
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG208913 representing NM_198621
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGGTCTCCCCACCTCCCGGGCCACACAAACAAAGTTCAATCAGACCTAGAACTTCCCCAGCGGC
 TGAAGCCAGGCCTAGAGAAAACCCCTGAATCTCAAGGAGAAGAGCCATCATACATACTGAGGGCCACAGC
 TGCAGCTCAGACCTAGCCAGTATCATCCGGTCTTGTATGGTCCCTTTGGCCGGCAGAAAGTTTCTGGTG
 ACTGCCAAGGGAGAAACAGTTTGTACAGGTCATGCCGTGCCATCCTCAAGGCTCTGGACCTGGAGCACC
 CAGCTGCCCAGTTTGTTCAGAAATTAGCCCAACCCAGGTAGAGAACGCTGGGGATGGCAGGCTTTTGT
 TGTTCCTACTGACAGAAGCCTTGTGGAGCAGGCCATTACCTTCTGTGGCTGGCCTAACTCCAACCCAG
 CTCCGGGAGGCCTTTGCCACAGCCACAGCAGAGTTCTGACCGCTCTGCCTTCCTGGCCATCCGCTCTC
 TAGGGCCTTTGGAAGATCCTTCTGGGCCCTCTATTCTGTGATAAGTACTCACACCCTGTCCAACCTCAGA
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 AGTATTGTCTGTGCGTACTTCAGGGTGGGAACTGACTGATTCCCGAATTTTCTGGAGTAGCAATAG
 CGGGGAAGCTGTGTGGACAAAAGACTGAGGTCTTGGTGATGCTAGGGTGGCCCTGTCAATTGCCCTT
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 AAACAACTGAACAAGTGGAAGGAAATAGCCCACTAGCCATTATGGACATTAACGTGGCAGTGGTCT
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 GAGCCAGGGAAGTGCCACAAGTTTACAGGAAGGAATTTGGAGATACTGCGGTGGTAAATGTTTGAATGGG
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 GACGGCTTAGTAAATGTGACTCATGAAGGTATATGGGACATACTGAGGACCAAGCCCAAGGGTTACAAG
 CAGTTGCTGAGCTGGTGACGAGCTGGTACTGTGGACCAATTATAGTGGCCAGAAAGACTCCTTTGTA
 CAGACAGATCACAGACCCACCTTGAATGCAAAGGTATCCTCACCCCTGAGAGCAAAATCTTTGAAAA
 TATGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

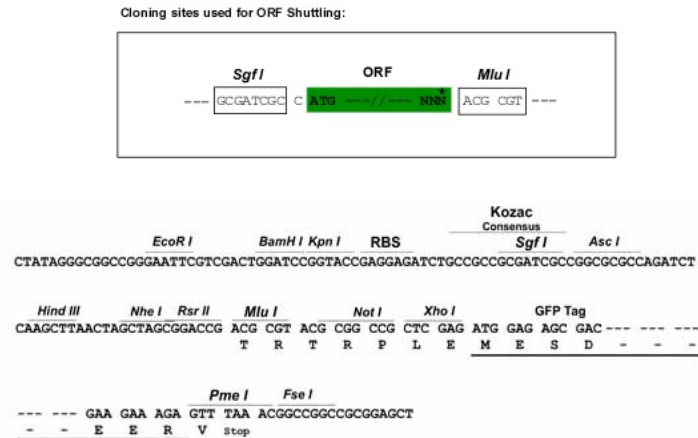
Protein Sequence: >MG208913 representing NM_198621
 Red=Cloning site Green=Tags(s)

MAVSPSRATQTKVQSDLELPQRLKPGLEKTPESQGEEPSYILRATAAAQTLASIIIRSCYGPFGKFLV
 TAKGETVCTGHAAAILKALDLEHPAAQFVQELAQTQVENAGDGTFFVLLTEALLEQAHYLLWAGLTPTQ
 LREAFATATAEVLTAPLSLAIRSLGPLDPSWALYSVISTHTLSNSDYLTKLVAQACWVSREPNGSFKPE
 SIVVCVLQGGKLTDSRIFPGVAIAGKLCGQKTEVLGDARVALFNCPPGPTNPFTLATPRLSNPEELLRFR
 KQTEQVEKEIAQLAIMDINVAVVLGEVNEKSVDQANYCGIMVIQAKSRKEIVYLSEKLGTPLLGRVLPPL
 EPGKCHKVYRKEFGDTAVVMFEWEHEIAPFLSVVLRGPTIQGLRVAEQAVYYGIDAFSQLCQDPRLLPGA
 GATEMALAKMLVDKGSRLSGPNGLAFQAFQALSSLPKTLAENAGLAAQSVMAELSGFHQAGNFFVGVGT
 DGLVNVTHEGIWDILRTKAQGLQAVAEVQQLVTVDQIIIVARKTPLYRQITDPTLNKVSSPLRAKFFGK
 YY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198621

ORF Size: 1686 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.

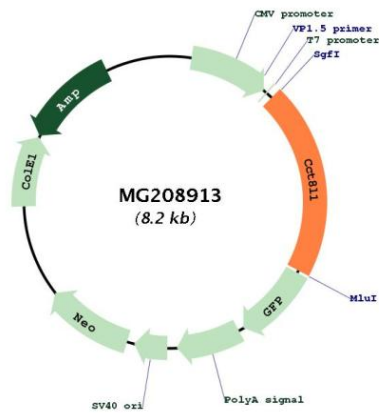
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198621.1](#)

RefSeq Size: 1967 bp

RefSeq ORF: 1689 bp
Locus ID: 242891
Cytogenetics: 5 B1

Product images:



Circular map for MG208913