

Product datasheet for **RG227995**

CCDC85C (NM_001144995) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC85C (NM_001144995) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC85C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG227995 representing NM_001144995 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCTAAGCCCGCGCGACGGCGGGCGGCGTCTGGAGGAGCTGAGCCAGGTGCCGGACGAGGAGCTGC
TGCCTGGAGCAAGGAGGAGCTGGCGCGCGGCTGCGCGCGCCGAGGGCGAGAAGGTGGCCTCATGCT
GGAGCAGGCGGCCTGATGCGCGACGTGAACGGCGGCTGCAGCAGCACCTGCTGGAGATCCGCGGCCTC
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ACCGGCAGAAGGGCGCAAGCTGGCGCGGAGTGGCAGCGCTTCGGGCGCCACGCGCCGCGCGCTGTG
GCACGAGGTGGCCGCTCGCAGCAGAAGCTGCGCGAGCTCGAGGCGCGCCAGGAGGCCCTGCTGCGCGAG
AACCTGGAGCTCAAGGAGCTGGTGTGCTGCTGGACGAGGAGCGCGCGGCACTGGCGGCGACGGGGCCG
CAAGCGGTGGCGCGGCGGGGGCGCGCGGCTCCCGCAGCTCCATCGACAGCCAGGCCAGCCTGAG
CGGGCCGCTGTGGGTGGCGCGCCGCGCGGGGGCCCGCAGCTGGGCGACGGCAGCAGTACGTCCAGC
GCGGGCAGCGGCGGCGAGCCCGACCAACCACCACTCCACCCCGCTGCTGCCCCCGGGCCGACACA
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CAGCATCCCCAACGGCCTGCACGATCCCTCATCCACCTACATCAGGCAACTGGAGAGCAAAGTGAGGCTG
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GGCCTGCCCCGCACCTGAGCTGCCTCGCCCCCTCTGCTGGCTACAGCCCTGCAGGACAGAAGCCGAG
GCTGTCGTGCATGCCATGAAGTCTGGAGGTACACGAGAATCTGGACCGGCAGTCCAGGACAGCTGTG
AGGAGGACCTGAGTGAGAAGGAGAAGGCCATCGTTCGCGAGATGTGAACGTGGTCTGGAGAAAGCTGGG
AGATGCAGCCAGCTCCAAGCCCTCCATACGGCAGCACCTGTCTGGGAACCAAGTTCAGGGGCTTTG

ACGCGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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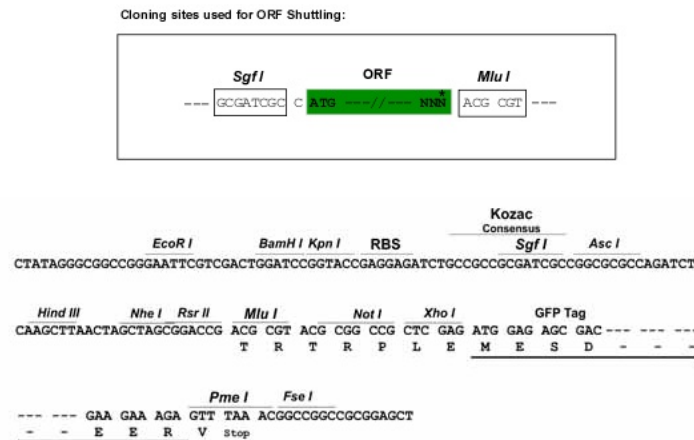
Protein Sequence: >RG227995 representing NM_001144995
 Red=Cloning site Green=Tags(s)

MAKPAATAAAASEELSQVPDEELLRWSKEELARRLRAEGEKVGLMLEHGGLMRDVNRRLQQHLLLEIRGL
 KDYNQRLQDDNQELRELCCFLDDDRQKGRKLAREWQRFGRHAAGAVWHEVARSSQQLRELEARQEALLRE
 NLELKEVLVLLDEERAALAATGAASGGGGGGGAGSRSSIDSQASLGGPLSGGAPGAGARDVGDGSSTSS
 AGSGGSPDHHHHVPPPLPPGPHKAPDGKAGATRRSLDDL SAPPHRSIPNGLHDPSSSTYIRQLESKVRL
 LEGDKLLAQAGSGEFRTL RKGFSYPYHSEQLASLPSPYQDSLQNGPACPAPELPSPPSAGYSPAGQKPE
 AVVHAMKVLEVHENLDRQLQDSCEEDLSEKEKAI VREMCNVVWRKLGDAASSKPSIRQHL SGNQFKGPL

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001144995

ORF Size: 1257 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_001144995.2](#)

RefSeq Size: 5671 bp

RefSeq ORF: 1260 bp

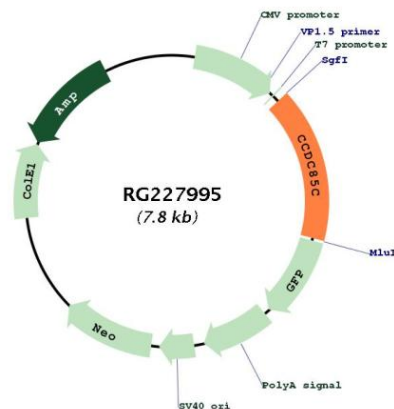
Locus ID: 317762

UniProt ID: [A6NKD9](#)

Cytogenetics: 14q32.2

Gene Summary: May play an important role in cortical development, especially in the maintenance of radial glia.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG227995