

## Product datasheet for **MR231186**

### Cep85l (NM\_001204983) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cep85l (NM_001204983) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cep85l
Synonyms:	ENSMUSG00000038594; Gm9766
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>MR231186 representing NM\_001204983  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGGGCCGTTTCTGGCCCCGAGGCTGGCGCCGGGACAGCCCCAGCGGGGCCCGAGCTTCCTG  
 CGGGCTCAGATTATTCGTCAGCATGGTTACCTGGTAATGAATCATTATGGCAGGCCACAGCTGTTCCATC  
 TAACCATCGAAATAACCCCTCAGAAGACACAGCATAACGCTCTGATAGTGAGACACTGGCATTGGCACT  
 TCTTGTCTGACAGCGTGAAGATCATTCAACTTCAAGTGGCACGTTATCTTTCAAGCCTAGTCGATCAT  
 TGGTCACTCTTCCACTGCCCATGTGATGCCATCTAACTCCAGTCTTCCGTTTCCAAACATAGGGAATC  
 TCTAACACCAGATGGCTCTAAATGGAGTACTAGCCTCATGCAGACATTGGGAGACCACAGCAGAGGGGAG  
 CGGGACTCTCCCTAGACATGAAGGACTTCAGGCCCTGAGGAAATGGTCATCTTTGTCCAACTTACTG  
 CCCCAGATACCCGCAACCACAGTGGCATTGCATACCCGCAAGAGCTGAGGAATAGCTTGGAGATGACAGG  
 GAAGGGCAAGCCTTTTATGTCCCACTTACGGACCTTTGGGCCAAGTTGCTTACATGACAGTATGGAGCTG  
 CTTAAGCTGGAAGACAAGGAAATAAATAAAAAGCGGTATCAACTCTGGACTGCAAAATATAAATTTGAGA  
 GCTGCAACAAAGAAGATGTCAGAGTCTTCTCTGCTCTCAGGAGACAGACTTTAGACATGACATACAG  
 TGCCCTTACCTGAGAGCAAGCCATTGTGACAGGCTCAGAGACTTTTGAGTCTCCAAAGTATTTAATGCTG  
 GGCCAGCAGGCAGTAGGTGGAGTCCCATTCAACCTTCTGTGAGGACTCAGATGTGGCTGACAGAGCAGT  
 TACGGACAAACCCATTGGAAGGCAGAACCACAGACGATTCTTACAGTTTACGCTTGGCAACAGCCACA  
 AACTGAAGAGTTTTCAGCAAGGAAGTGAAGCAGCAATGCAGGTTTGTACTGGATCATCTCGTCAGAGTTAT  
 TCACCTCTGGCTTCCAGGATTTTCAGTAAATGGGAATCAGTGTGAAAATAAAAGAAGGACTTCTGAGGC  
 AGAAGAAAATTTAATTGATAGGCAGAAGCAAAATTAACCACTTACATGAAAGGATAAGGGATAATGA  
 ACTACGGGCCAGCATGCTATGCTAGGACATTATGTAATTTGTGAAGACTCGTACGTGAGTAATTTACAG  
 CCTCAATACGAGAGCAGTTCAGGCCAGAGTCTATTTACAGAGCAGCCATTGTCCCATCCCCACCAAGAAG  
 AACTTGAGCAAAAGCTAGCATCTACTGAGAAAAGATTTTGCAGCTCAATGAGTTTCTCAAAACAAGAA  
 AAGCCATTTAGTGAAGAGAAGAAGAAATTAGAGGAGAAGTTGAAAACCAGAGATAGATACATCAGCAGC  
 CTGAAAAAGAAATGCCAGAAGGAATCTGAGCAAAACAAAGAGAAGCAGAGGAGAATTGAGACCTGGAAA  
 AGTACCTGGCAGACCTTCCAACCTAGATGACGTACAGAGTCAGAGTCTACAGCTTCAAGTTCTTGAAGA  
 AAAAAACAAGAATTTGCAAGAGACTTTGATAGACACAGAGAAGCAGCTTGAGGAGATTAAGAAGCAATGT  
 CAAGATAAAGAAGTGCAGCTACTGTGTCAGAAGAAGAAGGAAAAGGAGCTGGTAACTTCTGTTTCAAGCT  
 TACAACAAAAAGTAGAAAAATGCCTTGAAGATGGAATCCGCCTTCCCATGTTAGATGCCAAACAGCTTCA  
 GAGTGAATGATAATCTGAGAGAGCAGAAATGCAACAGCCAGCAAGATAATAGAGAGCCAGCAGGATGAA  
 ATTAACAGAATGATTTTGAATTCAGTCTATGCAAGGGAACTTTGTGAAGAGAAAAGTACTGCGCGGA  
 GTACTGTGGAAGAGCTAGGAAGGAAAGAAGGAGCCTCCAGAGGTTGACAGAAGCGCTGCTTGAACCA  
 AAGACAGATGGGAGAGACGTACTTTACTGGATCAGGGCCACGAAGCAGAGCAGTCTAGGCCACAGACC  
 ATTCATTCTAAGTGGCTCTCTTTGATTGACTGTGATTGATCAGCTGTTCAAGGAAATGTCATATTGTT  
 TGTTTGACTTGAAGCATTGTGTAGTATTCTTAATCAACGTGCTCAGGGCAAGGAGCCTAACCTCTCATT  
 GTTACTGGGAATCCGATCAATGAACTGTTGAGTGAAGAGACTGAAAATGACCACAGCCAGAAACGCTC  
 ACTAAAAAGCTCTCAGATGTGTGCCAGTTACGGAGGACATTGATGAATTGAGGACTACAATATCAGACC  
 GCTATGCTCAGGACATGGGAGACAACTGTGTTACCCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231186 representing NM\_001204983  
 Red=Cloning site Green=Tags(s)

MWGRFLAPEAGGRDPSGARSFPAGSDYSSAWLPGNESLWQATAVPSNHRNHLRRHSITSDSGDTGIGT  
 SCSDSVEDHSTSSGTLSEFKPSRSLVTLPTAHVMPNNSASVSKHRESLTPDGSKWSTSLMQTLGDHSRGE  
 RDSLDMKDFRPLRKWSSL SKLTAPDTRNHSGIAYPQELRNSLEMTGKGKPFMSHLRTFGPSCLHDSMEL  
 LKLEDKEINKKRSTLDCKYKFESCNKEDVRVSSALRRQTLDMTYSALPESKPIVTGSETFESPKYML  
 GQQAVGGVPIQPSVRTQMWLTEQLRTNPLEGRITDDSYSLAPWQQPQTEEFQQGSETPMQVLTGSSRQSY  
 SPPGFQDFSKWESVLKIKEGLLRQKEIVIDRQKQINHLHERIRDNELRAQHAMLGHYVNCEDSYVSNLQ  
 PQYESSGQSLFTEQPLSHPHQEELEQKLASTEKEVLQLNEFLKQRISQFSEEKKLEEKLKTRDRYISS  
 LKKKCKQEKESQNKQRR IETLEKYLADLPTLDDVQSLSLQLQVLEEKKNLQETLIDTEKQLEEIKKQC  
 QDKEVQLLCQKKKEKELVTSVQSLQKVEKCLEDGIRLPMLDAKQLQSENDNREQNATASKIIESQQDE  
 INRMILEIQSMQGKLC EEKLTARSTVEELGRKEGSLQRLTEALLENQRQMGETYSLLDQGHEAEQSRPQT  
 IHSKWPLFDLTVIDQLFKEMSYCLFDLKALCSILNQRAGKPEPNLSLLLGIRSMNCSAEETENDHSPETL  
 TKKLSDVCQLRRDIDELRTTISDRYAQDMGDNVCVTQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfi-MluI

Cloning Scheme:



ACCN: NM\_001204983

ORF Size: 2418 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\\_001204983.2](#)

**RefSeq Size:** 2691 bp

**RefSeq ORF:** 2421 bp

**Locus ID:** 100038725

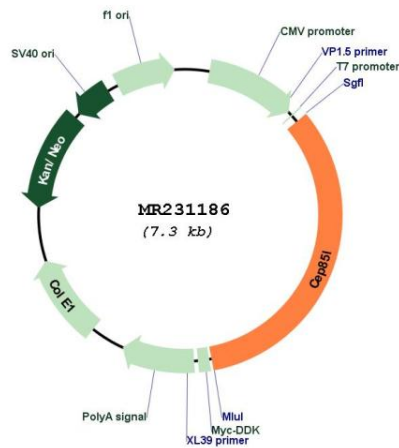
**UniProt ID:** [A0A1W2P884](#)

**Cytogenetics:** 10

**MW:** 92.3 kDa

**Gene Summary:** Plays an essential role in neuronal cell migration.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR231186