OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR210535

Cpxm2 (NM_018867) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpxm2 (NM_018867) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cpxm2
Synonyms:	4632435C11Rik; CPX-2; Cpx2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>MR210535 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCGTCTGGGGACCGCCTGCCCTGCGCTGGCGCTGGCCCTGGCACTTGTGGCGGTGGCCCTGGCTG
GAGTCAGAGCCCAGGGCGCAGCCTTCGAGGAGCCTGACTATTACAGCCAGGAGCTCTGGCGGCGCGGGCG
CTATCATGGGCATCCGGAGCCTGAGCCGGAGCCGGAGCTCTTCTCGCCTTCACTGCATGAAGACCTTAGG
GTGGAGGAGCAGGAACAGCAGGAGCCGCACCAGCAGGGCCACAGGACTCCCAAGAAGGCCATCAAGCCCA
AGAAGGCTCCCAAGAGGGAGAAGTTAGTTGCAGAGACGCCTCCACCAGGTAAAAATAGCAACAGAAAAGG
CAGAAGAAGCAAGAATCTTGAGAAAGCTGCCAGTGATGACCATGGTGTCCCTGTGGCTCATGAGGATGTC
AGAGAGAGTTGCCCACCTCTTGGTCTGGAAACATTAAAAATCACAGACTTCCAGCTGCATGCCTCCACAT
CGAAGCGTTATGGCCTGGGAGCCCACCGGGGGAGACTCAACATCCAGGCAGGCATTAATGAAAATGACTT
TTACGATGGGGCTTGGTGTGCTGGTAGGAACGACTTGCATCAGTGGATCGAAGTGGATGCCCGGCGCCTG
ACCAAGTTCACAGGGGTCATTACCCAAGGAAGGAACTCTCTCTGGCTGAGTGACTGGGTGACATCCTATA
AAGTCATGGTGAGCAATGACAGCCACACATGGGTTACTGTGAAGAATGGATCTGGCGACATGATATTTGA
AGGAAACAGTGAGAAGGAGATTCCTGTGCTCAATGAGCTGCCAGTCCCCATGGTGGCCCGCTACATTCGC
ATAAACCCTCAGTCCTGGTTTGATAACGGGAGCATCTGCATGAGGATGGAGATCTTGGGCTGTCCACTGC
CGGATCCTAATAACTATTATCACCGACGTAATGAGATGACCACCACGGATGACCTGGATTTTAAGCACCA
CAACTATAAGGAAATGCGCCAGTTGATGAAGGTTGTCAATGAAATGTGCCCCAATATTACCAGGATTTAC
AACATTGGCAAAAGCCACCAGGGCCTGAAGTTGTATGCGGTAGAGATCTCTGACCATCCTGGGGAACATG
AAGTTGGTGAGCCCGAGTTCCACTACATCGCAGGGGCCCACGGCAATGAGGTTCTGGGCCGAGAGCTGCT
GCTGCTGCTGCTGCAGTTCCTCTGCCAGGAATACTTGGCGCAGAACGCACGCATCGTCCGCTTGGTGGAG
GAGACTCGAATCCACATCCTACCCTCCCTCAATCCTGATGGCTATGAGAAGGCCTATGAAGGAGGTTCCG
AGTTGGGAGGCTGGTCCCTGGGACGTTGGACCCATGATGGCATCGATATCAACAACAACTTTCCAGATTT
AAACACGCTGCTCTGGGAGGCAGAGGACCAGCAGAATGCCCCAAGGAAGGTCCCCAACCACTACATTGCC
ATCCCTGAGTGGTTTCTGTCTGAGAATGCCACAGTGGCCACAGAGACCAGAGCCGTCATCGCCTGGATGG
AGAAGATCCCGTTTGTGCTGGGAGGCAACCTACAGGGGGGTGAGCTGGTCGTGGCATACCCCTATGACAT
GGTGCGGTCCCTGTGGAAGACCCAGGAGCACACCCCAACACCTGATGATCATGTGTTCCGCTGGCTAGCG
TACTCCTACGCCTCCACTCACCGCCTCATGACAGATGCCAGGAGGCGAGTGTGCCACACTGAAGATTTTC
AGAAGGAGGAGGGCACCGTCAATGGGGCTTCCTGGCACACAGTGGCTGGAAGTCTAAACGATTTCAGCTA
CCTCCATACAAACTGCTTTGAGCTGTCCATCTACGTGGGCTGTGATAAATACCCACACGAGAGCGAGCTG
CCGGAGGAATGGGAAAATAACCGGGAGTCTCTGATTGTGTTCATGGAGCAGGTTCATCGAGGCATCAAAG
GCATAGTGAGAGATTTACAAGGGAAAGGGATTTCAAATGCTGTCATCTCTGTGGAAGGTGTTAACCATGA
CATCCGGACAGCCAGCGATGGGGATTACTGGCGTCTACTGAACCCTGGCGAATATGTGGTCACAGCCAAG
GCGGAAGGCTTTATCACTTCCACCAAGAACTGCATGGTTGGCTATGATATGGGAGCTACTCGGTGTGACT
TCACCCTCACAAAGACCAACCTGGCTAGGATAAGAGAAATTATGGAGACATTTGGGAAGCAGCCTGTCAG
CCTACCCTCCAGGCGCCTGAAGCTGCGGGGACGGAAAAGGCGGCAGCGTGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

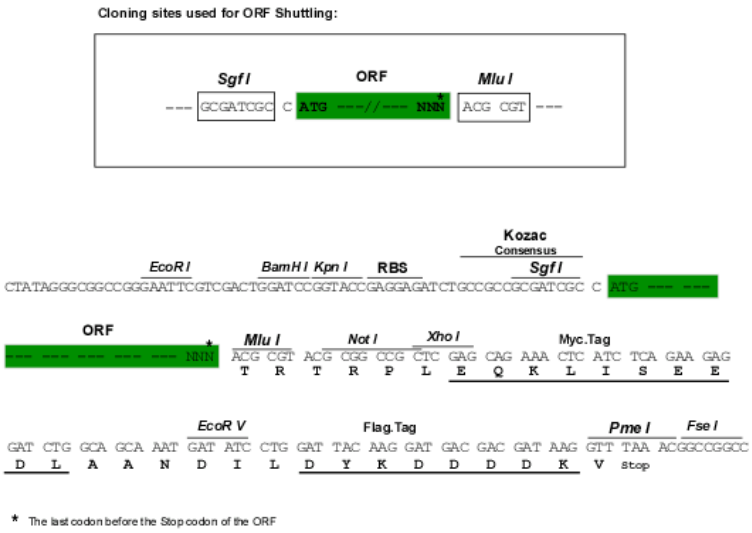
>MR210535 protein sequence
Red=Cloning site Green=Tags(s)

MARLGTACPALALALALVAVALAGVRAQGAAFEEPDYYSQELWRRGRYHGHPEPEPEPELFSPSLHEDLR
VEEQEQQEPHQQGHRTPKKAIKPKKAPKREKLVAETPPPGKNSNRKGRRSKNLEKAASDDHGVPVAHEDV
RESCPPLGLETLKITDFQLHASTSKRYGLGAHRGRLNIQAGINENDFYDGAWCAGRNDLHQWIEVDARRL
TKFTGVITQGRNSLWLSDWVTSYKVMVSNDSHTWVTVKNGSGDMIFEGNSEKEIPVLNELPVPMVARYIR
INPQSWFDNGSICMRMEILGCPLPDPNNYYHRRNEMTTTDDLDFKHHNYKEMRQLMKVVNEMCPNITRIY
NIGKSHQGLKLYAVEISDHPGEHEVGEPEFHYIAGAHGNEVLGRELLLLLLQFLCQEYLAQNARIVRLVE
ETRIHILPSLNPDGYEKAYEGGSELGGWSLGRWTHDGIDINNNFPDLNTLLWEAEDQQNAPRKVPNHYIA
IPEWFLSENATVATETRAVIAWMEKIPFVLGGNLQGGELVVAYPYDMVRSLWKTQEHTPTPDDHVFRWLA
YSYASTHRLMTDARRRVCHTEDFQKEEGTVNGASWHTVAGSLNDFSYLHTNCFELSIYVGCDKYPHESEL
PEEWENNRESLIVFMEQVHRGIKGIVRDLQGKGISNAVISVEGVNHDIRTASDGDYWRLLNPGEYVVTAK
AEGFITSTKNCMVGYDMGATRCDFTLTKTNLARIREIMETFGKQPVSLPSRRLKLRGRKRRQRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018867

ORF Size: 2295 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 Size: 3506 bp

RefSeq ORF: 2295 bp

Locus ID: 55987

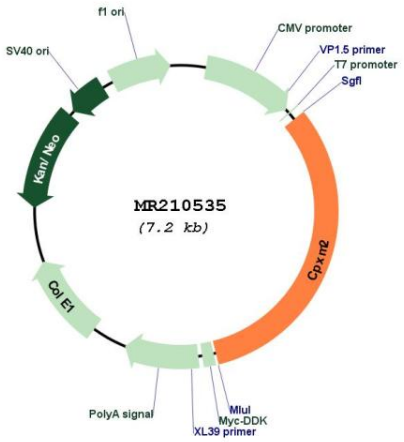
UniProt ID: Q9D2L5

Cytogenetics: 7 F3

MW: 86.9 kDa

Gene Summary: May be involved in cell-cell interactions.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210535