

Product datasheet for **MR222501**

Cep55 (NM_001164362) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cep55 (NM_001164362) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cep55
Synonyms:	1200008O12Rik; 2700032M20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR222501 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTCAAGAAGTCCCAAAGATTTAATTAAGCAAAATGGGGATCAAGGCCTAGTAGCTCCAAGTCAG
 AACTGCATTAGAGAAATTAAGGGAGAAATTGCAGCCTTTAAACATCCCTGGATGAAATCACCTCTGG
 GAAAGGAAAAATGGCCGAAAAAGACAGAAGCAGACTTTTGGAGAAAAATCCAAGTCTTGAAGCCGAGAGA
 GAAAGAATGTTTATTACCTCCTGGAGAAGGACAAAGAAATACAGAGACTCAAAGACCACCTAAGGTCAA
 GATATAGCTCTTCTTATTGTTTCGAGCAGCTGGAAGAGAAAAACAAAGGAATGTGAGAAGAAGCAGCAGTT
 GCTGGAGTCTTATCCAAAGAGACAGATGTCTGAAAAACCAGCTGTCCGCCACGACGAAAAAGACTTTCT
 GAACCTGAAAGCAAAGCCAGTACTCCACCTGTACAGAGCATGCCTGCAAACCTGCTTCAACTCCTCAA
 TGAATAGTATTATGAAAGGAGATGCAGCTGAAAGATGCTCTGGAGAAAAACCAGCAATGGCTTGTGTA
 TGATCAGCAGCGAGAGGCCCTACGTTAAAGGGCTTTTAGCAAAGATCTTCGAGCTGGAAAAGAGAACAGAG
 ACAGCCGCTGCTCCCTCACACAGCAGATGAAGAAGATTGAATCAGAAGGTTATCTTCAAGTGGAGAAGC
 AAAAATATGATCATCTCTTGGAAAAATGCCAAAAAGATCTCGAAGTTGAGCGACAAGCCGTGACTCAGTT
 GCGTTTAGAACTCGATGAATTTGAAAGAAATACGAAGAAGCTCGAAAAGAAGTTGAAGACTTAAATCAG
 CTGTTGAGCTCTCAGCGAAAGGCAGACATCCAGCACCTGGAGGAGGACAAGCAGAAGACGGAGAGGATCC
 AAAAGCTGAGGGAAGAGAGCAGTATCTTCAAGGAAAAGCTGGAAGAGGAGAGGAAGGTCGGAGGAGCT
 CTTATCCCAGGTCGAATTTCTACGATTCTCTGTTAAGCACCAAGAGGAGCAGGCCAGGTTAGCTCTA
 CTGGAACAGCAGATGCAGGCATGTACTTAGACTTTGAAAATGAAAACCTCGACCGCCAGAATATGCAGC
 ATCAACTATGTGATTCTTAAGGAACCTCGAAAAGCAAAAAGTCAAATAACACAGTTGGAATCCTTGCA
 GCTACATGGGTTTACCATCACAGAGCAGCCATTCCTCCACTCCAGAGAGAACCCTGAAAGCAGAGTGAAGCT
 ACCTCACCAAAAAGTCCAGTGCTGCACTCAATGACAGCCTAGTGAATGTCCAAAGTGCAGCGTACAGT
 ACCCAGCCACCGAGCATCGAGACCTGCTTGTCCATGTGCAATACTGCATGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222501 protein sequence
 Red=Cloning site Green=Tags(s)

MSSRSPKDLIKSKWGRPSSSKSDTALEKFKGEIAAFKTSLDEITSGKGKMAEKDRSRLLEKIQVLEAER
 EKNVYLLLEKDEIQRLKDHLRSRYSSSLFEQLEEKKECEKKQQLLESLSKETDVLKNQLSATTKRLS
 ELESKASTLHLSQSMFANCFNSSMNSIHEKEMQLKDALEKNQWLVDYDQREAYVKGLLAKIFELEKRT
 TAAASLTQMKKIESEGYLQVEKQKYDHLLENAKKDLVERQAVTQLRLELDEFRRKYEEARKEVEDLNQ
 LLSSQRKADIQHLEEDKQKTERIQKLREESSIFKGLLEERKRSEELLSQVRILYDSSLKHQEEQARVAL
 LEQQMQACTLDFENEKLDQRNMQHQLYVILKELRKAKSQITQLESLLQHGFTITEQPFLQREPESESRVKA
 TSPKSPSAALNDSLVECPKCSVQYPATEHRDLLVHVEYCMK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

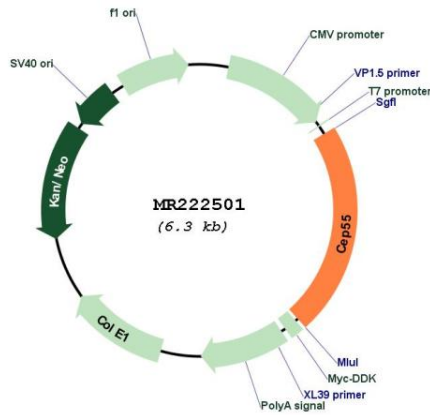
SgfI-MluI

Cytogenetics: 19 C2

MW: 53.9 kDa

Gene Summary: Plays a role in mitotic exit and cytokinesis. Recruits PDCD6IP and TSG101 to midbody during cytokinesis. Required for successful completion of cytokinesis. Not required for microtubule nucleation. Plays a role in the development of the brain and kidney.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222501