

Product datasheet for **MR219509**

Col25a1 (NM_029838) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col25a1 (NM_029838) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Col25a1
Synonyms:	2700062B08Rik; CLAC-P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR219509 representing NM_029838
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTGGTGAAGAAGCTTGCAGGAAAGGAGGGGGACGAGAGTCTGGATCAGAAGATCCGCGCCCTTGG
GACAGCGTTGTGCCGGCACCATGCCCTCGTGACGGCCCTGGCGACCCTTTGTCAAGTGGTTGCTGTGGC
TTTCTGTTTTTATCTTGGGGTAAAAACCAACGACCTCCAGGCGAGGATTGCTGCTTTGAATCTGCTAAA
GGGACCCCTTCTTCCATCCGCTGTCTGACACCGTGGATGAGCTGAAGGCAATGGTTCAGGAGAAAGTGG
AGCGTCTCTTGGCTCAGAAATCTACGAACATATGGCTAAAATAAGAACGGCCAGGGAGGCACCTTTAGA
GTGCAACTGCCAGCAGGTCTCCAGGGAACGAGGGAAGAGAGGCCGAAGAGGAGAATCTGGTCTCTCT
GGTCAGCTGGTCTCAGGGCCCTCTGGTCCAAAAGGTGATAAGGGAGAACAAGGTGATCAGGGACCTC
GGATGGTGTTCCTAAAATCAATCACGGCTTTCTCTCTGCTGATCAGCAGCTCATTAAACGCCGGCTGAT
TAAGGGTGACCAAGGACAGGCAGGGCCTCCAGGACCTCCAGGCCCTCTGGTCCAAGAGGCCACCTGGG
GACACAGGAAAGGACGGCCCGAGGAATGCCAGGAGTACCTGGTGAACAGGAAAACAGGAGAAACAAG
GCTTGATGGGACCTCTGGGGCCTCCAGGACAAAAGGGTCCATTGGAGCACCTGGGACCCAGGCATGGA
TGGGCAAAAGGGTGAAGCTGGATCACCTGGAGCAGCCGGGCAGAGTGGACTACCAGGACCTAAGGGAGAA
CCTGGAAAAGAAGGAGAAAAGGGAGATGCTGGAGAAAAAGTCCCAAAGGTGATACAGGAGAAAAGGGTG
ACCCTGGATCATCTGCTGCAGGAATTAAGGGAGAACCTGGAGAATCTGGCCGCCCGGGGCGAGAAGGGTGA
ACCAGGGCTGCCTGGCTGCCTGGACTTCCGGGAATAAGGGAGAACAGGCTTCATTGGTCTCAAGGA
AACGAGGAGATCCTGGAGCCCGGGGCCAAAGGGGAAGCAAGGTGAATCAGGAGCTAGAGGCCCGAAGGG
GTCAAAGGGTATCGTGGAGACAAAGGAGACTCTGGCGCTCTGGGACCACGGGGTCCACCTGGACAAAAG
GGGATCCAGGAGCCACAGAGATCATAGACTACAATGGCAACCTCCATGAGGCCTTACAGAGAATTACCA
CCTTAACTGTACGGGCCCCCTGGACCTCCTGGACCTCAAGGACTACAAGGGCCAAAGGGTGAAGCAAGG
CTCTCCAGGAATCCCGGAGTTGATGGAGAACAGGGACTCAAAGGCTCCAAGGGAGACATGGGGACCCA
GGTGTGCCAGGTGAAAAGGAGGACTGGGACTTCTGGATTGCCGGGTGCCAATGGAGTAAAAGGAGAGA
AAGGAGACACCGTTTGGCAGGTCTCAGGGCCTTCTATCATAGGCCACCAGGCCCTCCAGGTCCCA
TGGCCACCTGGTCCATGGGGCCCATGGACTCCTGGACCAAGGGAGCATCTGGCTTAGACGGAAG
CCAGGATCCCGGGTGCAGATGGTCTATAGGACCCACGGCCCTGCAGGACCAAGGAGAAAAGGAGGAG
AGAAAGGAGCTATGGGAGAGCCTGGACCCAGAGGGCCCTATGGGCTGCCTGGCAAAGATGGAGAACCTGG
TCTTGATGGCTTCCCTGGTCTCGAGGCGAGAAGGGTGAAGTGGGAGAAAAGGGAGAAAAGGGATTCCGT
GGCGTTAAGGGGGAAAAGGGGGAGCCAGGCCAGCTGGCCTGGATGGGCTGGATGCTCCTTGCCAATTGG
GACCTGATGGGTTACCTATGCCTGGCTGCTGGCAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_029838.4](#), [NP_084114.2](#)

RefSeq Size: 2637 bp

RefSeq ORF: 2001 bp

Locus ID: 77018

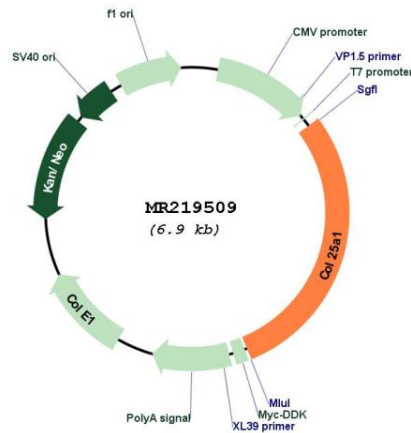
UniProt ID: [Q99MQ5](#)

Cytogenetics: 3 G3

MW: 65.8 kDa

Gene Summary: Inhibits fibrillization of amyloid-beta peptide during the elongation phase. Has also been shown to assemble amyloid fibrils into protease-resistant aggregates. Binds heparin (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219509