

Product datasheet for **MR209438**

0610010F05Rik (NM_027860) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	0610010F05Rik (NM_027860) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	0610010F05Rik
Synonyms:	Kiaa1841; mKIAA1841
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209438 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTCGTGGATATCCAGAAAACAATAATTTTCTGAATAATAAACCAAATGGTATTGGATATGATTC
 TTTATCCATTGATTGGAATCCCTCAGACCATCAACTGGGAACTGTGGCAAGCCTTGTGCCTGGATTAAC
 GCCCAAAGAGTGTGTGAAAAGGTTTGTGAGCTAAAGAGCTGTGGAAGTTCACCTGTTGACAACAGTAT
 AACCCTTAATGGCTACTGGAGAGGGTCTGTTGAAACTTTAGCCACTTACATTAATCTTCACTTCTGG
 ACACACAAGGAGATTTTCAAGAGACTCCTGTTGATCAAGATACAGTTTCTAAAGCAGGAAGACATAGTAT
 AGCTACCACAAGGAATTGCTCTTCAGAAAGTAAAACTGTACTGCTCGTAATGCTGGAGAAGAGACTGGA
 GAATCTGAAGGGCCAAACATGGTATCCATGTATGTGATGAAGCAAAAAGCTTGAAGAAGATTTATTT
 GCCCAGGAGATCTTTGATATCAGAAATGAAGTACTTTGCTGAATTTTCCATGGATGCGCAGCGCTG
 GGAAGAAGTGGACATTTAGTTCATTGCGATGTTACATTTTCACTGGCTGATAAAAATATGTTAAACGG
 AACACTAAGGAGAGTAAAGATTGTGAGATTCGCCGCTTAGAGCCAGGGAATGTCATTTCAATCCTTATTT
 CATCAGAGTTCTTGAAGATGGATTCACTAGTTGAACAATGATTTCAATATTGCCATAAAAAATATGAATGC
 CATAGTAGCTGCTCCATGCAACATGAACTGTATCAATGCAAACCTTCTTACACGCATAGCTGATCTGTT
 ACACACAATGAAATTGATGACTTAAAAGACAAAAAAGATAAGTTTAGGAGTAAACTGTTTTGTAAGAAGA
 TTGAAAGACTCTTTGATCCTGAATACTCCAATCCAGATTCTAGAAAACATGCAGCAACACTCTATCGATG
 CTGTTTGTGAAGAACTTTTAAACCAGAGAAACAGAAAGAAGAATTCTTGCATCCCTGGAAAAATCAAT
 GTGGACCGACATGGAAATATTATCTACATCCACATAAGAGATAAAACCTGGGATGTACATGAATTTTGA
 ATAGTCTTTTGAAGAATTAATACTTTGGAGAGATGTTTATTGGCGTTTGTGGGCACAGTCAACTGGCT
 GACTTGTCAAGGTGTTACCAGGCTTTTCTCTGTATTGAGTTCTCACATTGTCAGTATCACTCAGAAGTG
 GTAGTTTATTCTAGCACAGTAAATTCATAAACTGTGGGCACTGGAATTTATCCCTGCTGTAACCAGA
 AGGTTCTTCGATTTGATCCTACTCAGCTCACAAAGGGCTGTAAGGTGAGGGACCACATGGTGGTTCTTCA
 TGATCAAGGAGAAAAATGATGATTCTCCTTCTTGCCACCTGCTAAAATACTGGATGATCTGCACAAGCAC
 AAAGACGTCATTGCTGTGCCTTTTTTAAAAGATGCAGTTAGTGATCCTGGGGTGGCTCCTGTGATGAAA
 AAGGCTGGAATATGAAATTTTACTGGAACCAATACACCGTGGGGCTCCAAAACCTGGGAGCTCAATGC
 TTTCTTGTCACTGAAAACTGGACTCTGCAGTTGAAACAACAGTCGCTGTTCTCAGAAGAGGAAGAGTAT
 ACCACGGGCTGAGGTCAGTGAAGATGAAGTCGGTGATGAAGAAGAAATGCCAAGAAACAAAGGAAAA
 AGGAGAAGCCAAAGAAATTTACTAAGCCGCCAAAAAAAACAACCTGCTCACCCTGTTCTCAAAGAAAG
 AGAAGACTGGAGAAGTCAACTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

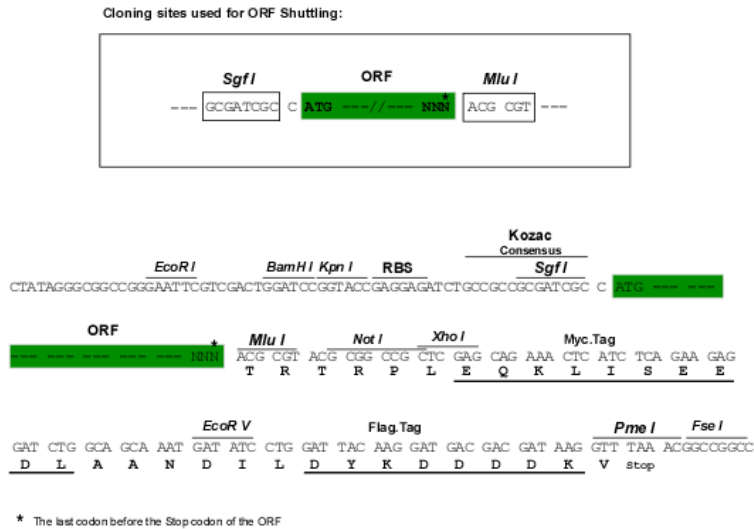
>MR209438 protein sequence
 Red=Cloning site Green=Tags(s)

MSRYPENNNFLNNNQMLDMILYPLIGIPQINWETVARLVPGLTPKECVKRFDELKSCGSSPVDNQY
 NPLMATGEGPVETLATYIKSSLLDTQGFQETPVDQDQTVSKAGRHSIATTRNCSSESENCTARNAGEETG
 ESEGNMVIHVCDEAKSLKEDFICPRDLLISEMKYFAEYLSMDAQRWEEVDISVHCDVHIFNWL IKYVVKR
 NTKESKDCEIPALEPGNVISILISSEFLKMDSLVEQCIQYCHKNMNAIVAAPCNMNCINANLLTRIALDF
 THNEIDDLKDKKDKFRSKLFCKIERLFDPEYSNPDSRNNAAATLYRCLCKLLTRETERIPICIPGKIN
 VDRHGNIIYIHIRDKTWDVHEYLNSLFEELKSWRDVYWRWLWGTVNWL TCSRCYQAFLCIEF SHCQYHSEV
 VVYSSTVNSLNTVGTGIYPCCNQKVLRFDPQLTKGCKVRDHMVVLHDQGENDDSPSPCKIILDDLHKH
 KDVIAPVFLKDAVSDPGVGCDEKLEYEILLEPNTPWGSKTGELNAFLSLKNWTLQLKQQLSFSSEEEY
 TTGSEVTEDEVGDEEEIAKKQRKKEPKKFTKPPKTTVLTLSKEREDTGEVNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_027860

ORF Size: 1848 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_027860.1](#)

RefSeq Size: 4140 bp

RefSeq ORF: 2157 bp

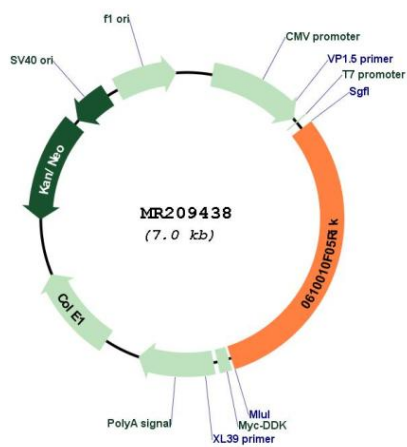
Locus ID: 71675

UniProt ID: [Q68FF0](#)

Cytogenetics: 11 A3.2

MW: 70.3 kDa

Product images:



Circular map for MR209438