

Product datasheet for **MR209948**

4930452B06Rik (NM_028934) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930452B06Rik (NM_028934) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	4930452B06Rik
Synonyms:	4933406L09Rik; AI854000
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR209948 representing NM_028934
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCAAAAATGAGTACCAGGGAGGTGCATTTGTTGAAATTTTAGCGCTCAGGGGAAAAATCCTGGAG
CAAAATGGAAGATCTTGGGCAGTCCGTCTGTGATTTGAAAGAATTTGATAAAGAAGTTAAAAGTTTGT
ATTTGCTCTGGAAGGCAGCAGCCAAACCAAGAAATCCAGTTACCGAAGGAGAATAAGCAAAATCCTTGGA
CTGATCCAGAGGTTTCTGTGCTTCAGATTTACATACCCCTGGGACAGGACTTCTCCACTGAATTAATA
TTACTGATTTAGGAAACATCAAAAGAAGTTGTATTTATCAACAGTCCATAAGGAAGTGTCTTCAACACC
TCTTCATGCAAAAATCCCACTCTTCATGATCCAGCGTAAAATTTGGTGCAACTTGTGCATTGACCTGGTC
GCCTTCACCAGTGAGATTTCAAAGGAGCAGTTTTCCAGTCGTTGGATGGAATCATCGTCTCTGCTAACT
GTAAGCTGCGGAAGATCTTCACTTTAAAATCAAAGCCTCAAGAGACAGCTGATAAAGATGATGAACCCAC
AGATATTATCCACGAAGCTGTCAACTTGCAACAGATGTTCTCATGTTACACAGCTGCTAAACATGACA
AAACTCCGCCAAACTGAAATTAATTTGGAGGTCACTCTAAGATCAGCAGAATCAGAGCAGTTTATCA
GCAGCGGAGCAGGCAGCGTCCAGAACAGTAAAGGTCAAGATGTGTGCCACATCGCCTTCGGATCCAGGGT
TCTTGGACCCCTCCACTCTCTGGCAGACGGAATAACCTAAGGCAGTCCACTGAGACAGTAAAGTCCATT
CGGTACAAAAATAGCCAATTGTGCCAGCAGCCTACAGAAGAGAGGAGTGTAAACAGTACGGAAAGTGTGCG
CCTTGCTGGCTGACCAGCAAGGAGAGAAAGGAAGTGTCTGCGCCTTTGAGCAGACCACACCTTCTCTG
CAAGCTACCTATCCGTATCCACATCCCCCTCAAGAGCCATCAGCAGATAAGGGTAGCAACCGAAGAAGA
CTCCGGCTAAAGAGCAGCAGCGGAGACAGGACAGAGGCGCACTGTGGTTGCTCCTCGGAAATAACAGGA
GTGAAGAAGATGTTGTCATGGCCCTCAACAGTATCCACAGCTGAGGACAGAGCCAGTGAAGCCAGCAC
TCCAGAACCCTCCGCTCCTGAACAACCAGATGAGTGGATATTTCTGAGAGCGGTGGCCTAACCTCAGAC
CCAGCATGGAGCAGTCCGCCTTTGCTCCTAGATGAAGACTCCACACTGCCTCGAACCTGTGGCTAGAAA
CCAGCAAGGACAGTGAACATGACCAGGCAGAGGAAACCCAGAGGGCTCCCAAGGACATTTTTACCTTTTC
ATCTAGACCAAGATCAGCGCCTCATGGGAAAAGTCATGATATGTCCCAAGGGGTGCCATTTACTCTG
GACACACAAGACGACAGCCAAGTGACCAAGGAAGACCCCAAGTTGGAAGGCGGCTTCTATGGCAGTGAGA
GCAGCGAAGAGGAATATAACTGGAGAACTATCAGCCAGCCAGATGAGCGAATCTGAGCTGCAGATGCT
GGCGAGCCTCCGGCGGCAGCAGAATGAAGACCTGGAGGACACTGGGGCTCCCATGGCCTGAGCGGCTCT
CAGGTAGACCACTGTAATGTCAGCATCAGTACCAGCAGTATGACACGACCACGTGGAACCTTTGTCTCC
CACCCCTGTGAACCAGGCGCTCACTATCAGAAAGAAATGAATCCACCTTCTCCATCTAACCTCGAGA
CTGGCTGAACATGTTGAGCCACCCATTGTCCCTCCCAGTCAGCAGCCAGTGAACAGTCTCTCGACTCC
TCTGCAAGTCTGAGCGTGAAGGTGAAGAGGATCCACGTGTGGAAGAAGACGAGGAAGTGTGACTCTGT
TGATGACCCATGTCTCAACTGCTACTTTGACCCTCAGACTGGCAAACTACTACGATTTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209948 representing NM_028934

Red=Cloning site Green=Tags(s)

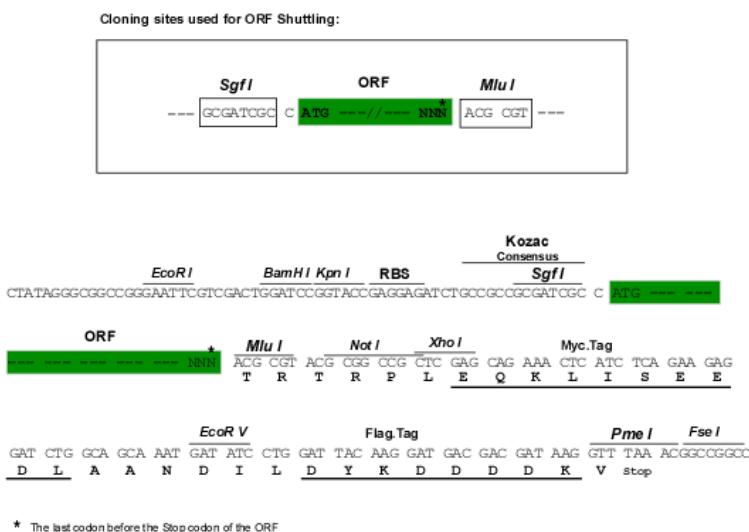
MFKNEYQGGAFVEIFSAQGKNPGAKWKILGSPSVIWKEFDKEVKSFFVFVLEGSSQTNRIQLPKENKQILG
 LIQRFLVLQIYIPLGQDFSTELLITDLGNIKRRLYLSTVHKEVSSTPLHAKIPLFMIQRKIWCNLCIDL
 AFTSEIFKGAVFQSLDGIIVSANCKLRKIFTLKSKPQETADKDDEPTDIIPRSCQLATDVPHVTQLLNMT
 KLRQTEIKFGGHPLRSAESEQFISSGAGSVQNSKGQDVCHIAFGSRVLGPPPLSGRRNLRQSTETVRSI
 RYKNSQLCQQPTEERSVNSTEVSALLADQQGEKGSARPLKQTTPLPAKLPIPYPHPPQEPSADKGSNRRR
 LRLKSSSGDRTEAHCGCSSGNNRSEEDVVMALNSIPQLRTEPVRASTPEPPAPEQPDEWIFPESGGLTSD
 PAWSSPLLLLDEDSHTASNLWLETSKDSEHDQAEETQRAPKDIPTFSSRPRSAPHGKSHDMSPKGCPTL
 DTQDSDQVTKEDPKLEGGFYGSESEEEYNWRNYQPSQMSESELQMLASLRRQNEDELTGAPHLGAS
 QVDHCNVSISTSSDDTTWNSCLPPPVNQGRHYQKEMNPPSPSNPRDNLNMLSPPIVPPSQPVEQLSDS
 SASLSVQGEEDPRVEEDEEVLTLLYDPCLNCFDPQTGKYVELV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9096_e08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028934

ORF Size: 2022 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_028934.3](#), [NP_083210.3](#)

RefSeq Size: 2751 bp

RefSeq ORF: 2025 bp

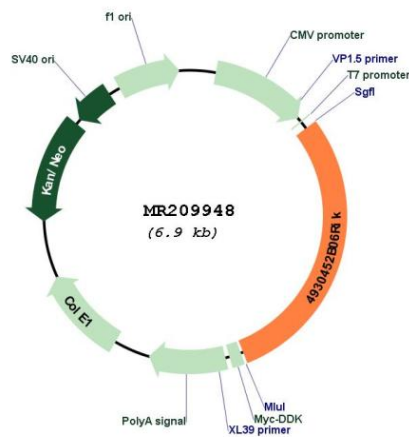
Locus ID: 74430

UniProt ID: [Q6P2K3](#)

Cytogenetics: 14 A1

MW: 75.1 kDa

Product images:



Circular map for MR209948