

Product datasheet for **MR205840**

A430105I19Rik (NM_001001982) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A430105I19Rik (NM_001001982) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	A430105I19Rik
Synonyms:	Ccdc9b; Gm353
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205840 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAACAAGCCAAGGCCAAAAGGATAGTAAGTGAGAAACCCACGACCAAGCGGGAGCCCAAGGG
CAAAGGGGACATCTGGAGGAGGCCGGAGCTGGCGTGCACCCTTGCAGATGACTTCCAGCTCAGATTCAGC
AGGAAGGGTGTCTGGAGCCCCGGAGTCCAGGCGTGGTCTCAAGTCCACCTCCCCAACAGTCTTGGGG
CTGTCCCCTGAGGCCAGCTGGGACTACACGCAGTGAAACAAGAGAGAGAGCAGATTGACCTGGCCCCGC
TTGCCCGGCACAGAAACCCACAGGGTGACTGGAGCCGCCGTGGGACCTGGACAAAGCCAAGTCCATGCC
ACAGAAGTGCACAAGCCTAGGGACAGGGACCTGGCCATGGGCAGCAGGAAGGGTCTAGGACCCACCAG
AAGCCTCAGCACCCACCATCATCCCTGGATGAAAAATGTCGGGGTGGACAATCTGGAAGACCTCGATGA
CATCCACCATAGGCAGCAACGCCAGGGGAAGGAGAGGCTAACTGGCAGGGCCCCGAAGGTATGACATGAA
AGAAGATGAGATGCTGCAGAGCCAGGAGGGAAGCCAGAGCAGCACGAAGACTCCCAGTGCAGAGGAAGAA
TTCGTACAGAAGCGGAATGAAAGGGAGCCAGACAGACAAGAGACCGTGCCTGCAACCAGCCCAATTCAG
CCTCCCCAGAGGGGCTAAAAGGAGAGTCGGGGACCTCTACAGCCAGTTTGGCCCCAGACTCTCCACAACA
TTCTGACTTGGCTCCCCTCGACCTCTCTGTGGGAGGAGCTAGCAGCCGAAGCCTGGAAAAAGTACATGT
ATACTCGGTCAAAGGCTGGGGCTCAGCAAAGTCCAGTGTGATGGCCAAATGGTTCTGAGCAGCAGACCC
TGGGGTGCAGTACCACAGCCTGGGCTGGAAGTCCACAGTTGCACTGAGTCACAGAGGAAAGCACAGAC
CCCAGAGCCCATGGAGGACAGGGCTGGCAAGGCTGGGGCCCAAGAGAATCTGACACCAAGAGCAGGCC
CCCAGAGGAATTGGCCCAAGGGCAAGAGGCACAAGTAAAAGAAGCAGGGCAGGAGTCTGGCCCTGCAG
GAAGATGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205840 protein sequence
Red=Cloning site Green=Tags(s)

MENKAKAKRIVSEKPTTQARSPRAKGTSGGGRSWRAPLQMTSSSDSAGKGVLEPRSPGVVSSPPPQQSLG
 LSPEASWDYTQWKQEREQIDLARLARHRNPQGDWSRPWLDKAKSMPQNCCHKPRDRDLAMGSRKGPRTHQ
 KPQHPPSSLDGKCRGGQSGRPSMTSTIGSNAQGKERLTGRARRYDMKEDEMLQSQEQSSTKTPSAEEE
 FVQKRNEREPDRQETVPATSPIPASPEGLKGESGTSTASLAPDSPQHSDLAPLDLSVGGASRKP GKSTC
 ILGPKAGAQQSPVSWPNGSEQTLGCTDHQPGLVHSCTESQRKAQTPEPMEDRAGKAGA QENLTPRSRP
 PRGIGPRARGTSKRSRAGGPGPAGRC

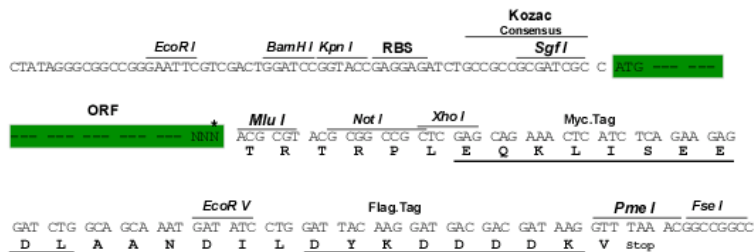
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001001982

ORF Size: 1131 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_001001982.1](#), [NP_001001982.1](#)

RefSeq Size: 4716 bp

RefSeq ORF: 1638 bp

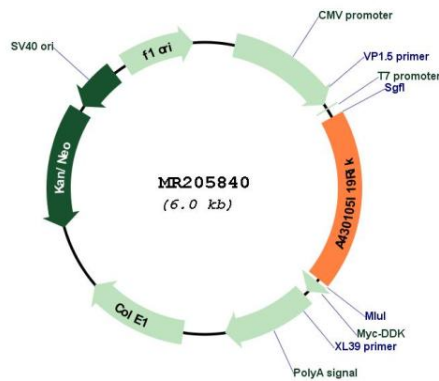
Locus ID: 214239

UniProt ID: [A3KGF9](#)

Cytogenetics: 2 E5

MW: 40.4 kDa

Product images:



Circular map for MR205840