

Product datasheet for **MR206577**

BC023179 (BC108353) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	BC023179
Synonyms:	MGC37070
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR206577 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCCACATCCCAGGGCCCGGCTGGCCAGTGGAGCCCAATGGTGATTGTGGAGACTGCGGGTGGAGCCC
TGCCCCAGGTTTCCAGTATTCAGTGAAACCTGCCAACAGGAAGAGGACTGCTTATCCTTTGAGGATGT
GGCTGTGTAATCTCCTGGGAGGAATGGACACTGCTTGATGACTCTCAAAGGCTCCTGTACAGACTGTG
ATGTCAGAGATCTTAACACTCATGTCTTTGGGACTTATACCTTCTGGGATCCATGAGATGACTCAGC
TGAAGTCTTGGGAGAGCCCTCTGTGCCTGCGTTGAGATTCTGACTCCAGGTTGTTGGATCAAAGTGGA
CAGTGAAATGTACCCCTTTGAGCAGAGTCCGTCTGCAGAAGGTGCCAGGCCGTCCACCCTACAACAGCAC
ATGCTGTGCTGTGCTGAGACACCCGTGCTAAGCATGGACAATGTGATGATCCTCCAGACCTCCTCGGGTC
TTCTAAGGCATCAAGTACTTATAATGTTGGGATGCCCCATGAACATGGAGAGTGGAGAGGCCATTCA
GAGTGAGAAGAAGAACTGCATATGCAGTGAAGTGGCAAACTTTTACTAGCACATCCACCTCAATCGA
CACCGGATGATACACTGGAGAAAAGCCTTTTCAAGTGCAGCGAGTGTGGGATGTCTTCAGCCAAAAG
CCTTTCTTATTAAGCATCTCAGAAATCACACCGGAGAGAAGCCATTGAGGTGTGGGAGTGTGGCAAGC
CTTCAAGCATAATATCTCCCTCGTATCTCACCAGCGAGTTCACACAGGAGAGACGCCTTTTACCTGCACT
GAATGTGGGAAATCATATATGACCAGATCCAACCTTACACGTCACTTTCAAGTTTCACTGCTGCGGAGAAGC
CTTACAGTTGCAAGTGAATGTGGCAAGCATTAAAGGAGAAATCCAGCCTCATTATCATGCGAGAGTGCA
CACTCGAGAAAGGCCTTTTCAAGTGCAGCGAGTGTGGCAAGTCTTCAGCCAAAAGCCTTTTCTGTTAAG
CATTTCAAGAAATCACACCGGAGAGAAGCCATTGAGGTGCAGTGAAGTGTGGCAAACTTCAAGCACAAT
GCTTCCTTGTGCTCATCAGCGAGTTCACACAGGAGAGACACCTTTTACATGCACTGAATGTGGCAAGTC
ATACATGAACAGATCCAGCCTTTTATATCATTATCGGGTTCATACCGGAGAAAAGCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR206577 protein sequence
 Red=Cloning site Green=Tags(s)

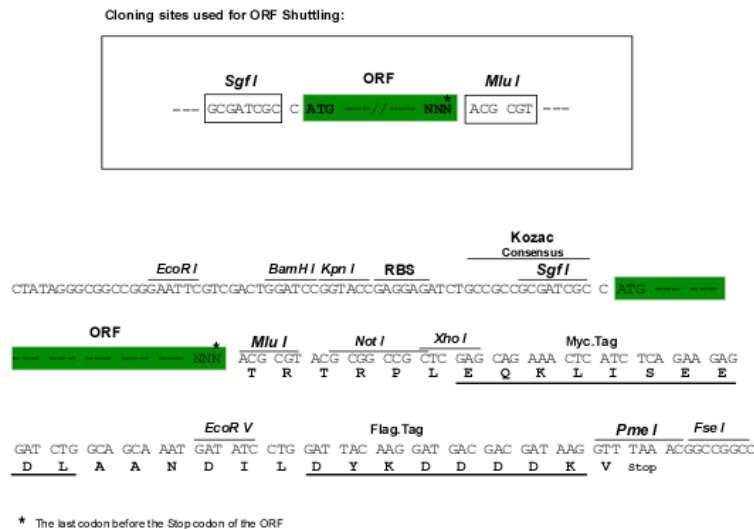
MATSQGPAGQWSPMVIVETAGGALPQVSQYSVKPANQEEDCLSFEDVAVYFSWEEWTLDDSQRLLYQTV
 MSEILTMSSLGLIPSGIHEMTQLKSWGEPSPALRFLTPGCWIKVDSEMPFEQSPSAEGARPSTLQQH
 MLCCAETPVLMDNVMLQTSSGLLRHQVTYNVGDAPNMESGEAIQSEKNCICSDCGKTFSTSHLNR
 HRMIHTGEKPFQCEGMSFSQKAFLIKHLRIHTGEKPFRCGECGKAFKHNISLVSHQRVHTGETPFTCT
 ECGKSYMTRSNLTRHFQVHAAEKPYSCSECGKAFKEKSSLIYHARVHTREPRPFQCEGKSFQKAFQV
 HFRIHTGEKPFRCSECGKTFKHNCFLVAHQRVHTGETPFTCTECGKSYMNRSSLLYHYRVHTGEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

BC108353

ORF Size:

1248 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC108353](#), [AAI08354](#)

RefSeq Size: 1703 bp

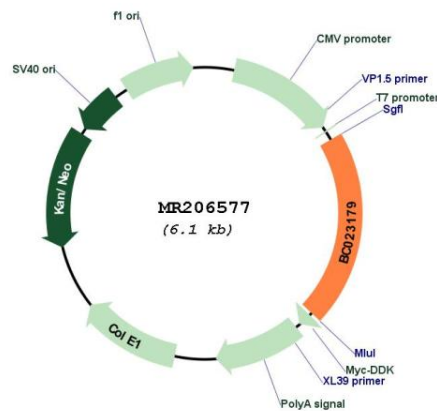
RefSeq ORF: 1250 bp

Locus ID: 232855

Cytogenetics: 7 A1

MW: 46.8 kDa

Product images:



Circular map for MR206577