

Product datasheet for **MR206976**

EG435970 (BC066874) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EG435970 (BC066874) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EG435970
Synonyms:	EG435970; EG668620; Gm9272; I1C0022H11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206976 representing BC066874
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGATGCATTGGCCTTTGATGATGTGCATGTACACTTCACTCGGAGGAGTGGTCTTGCTGGATCCAT
 CTCAGAAGAGACTTTACAAAGATGTCATGCTGGAGAACTACAGGAATCTCACCCTATAGGCTACAATTG
 GAAAGACCATAACATTGAAGAACATTGTCAAAATGATAGAAGATATGGAAGGCACGAAAGAACTCCTGCT
 GGAGAGAAACCTATGAATATACACAATGGGATAAAGCCTTCAAATATCACAGTCATCTTCAAAGCTTG
 AAAGAAACCAAACCTGGAGACAAAACCTCTGAAGTCTTTCAACATAGTAAAGTCTTGATGTCAAAGTAC
 TCTACAAAGAAATAAAGAACAGATACTAGAGAGAAACCTACAAATGTAATGAATGTGATAAAGCCTTC
 TTAAGCTCAAGTATCTCGAGTACATGAAAGAACACATTCTGGAAGAAACCTATGAATGTAATCAAT
 GTGGTAAAGCCTTTTACATCTCAACTATCTTAGAATTCATGAAAGAACACATACTGGAGAGAAACCTTA
 CCAGTGAATCAATGTGGTAAAGCCTTTACACAAAGGAGTCATCTTCAAAGCCATAAAGTAGTACATACT
 GGAGTGAGACCCTACATATGTAATCAGTGAATAAAGCCTACCCACAGCAGAATTATCTCCGAAAACATG
 AAAGAACACATACTGGAGAGAAACCTTATATATGTAACCAAGTGAATAAAGCCTTTTACACCAGAGTAA
 TCTCCGAATACATGAAAAGACACATACAGGTGAGAAACCTATAAATGTAATCAGTGTGATAAAGCCTTT
 TCACACCAGAGTAATCTCCACATACATGAAAGAACACATACAGGTGAGAAACCTATAAATGTAATCAGT
 GTGATAAAGCCTTTGCACACCTCAAGTATCTTCGAGCACATGAAAGAACACATACTCAAGAGAAACCATA
 CAAATGTAATCAATGTGGTAAAGCCTTTTACATCTCAGCTGTCTTCGGGTACATGAAAGAACACATACT
 GGAGAGAAACCTTATAAATGTAATCAGTGTGATAAAGCCTTTGCACAGCTCAAGTATCTTCGAGCACATG
 AAAGAATACATACTCAAGAGAAACCTACAAATGTAATCAATGTGGTAAAGCCTTTTACTTCTCAGCTG
 TCTTCGGGTACATGAAAGAACACATACTGGAGAGAAACCTTACAAATGTGATCAATGTGGTAAAGCCTTTT
 ACACAACGCAGTCATCTTAAACCCATAAAGTAATACATACTAGAGGGAGACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206976 representing BC066874
 Red=Cloning site Green=Tags(s)

MDALAFDDVHVHFTREEWSLLDPSQKRL YKDVMLENYRNLTTIGYNWKDHNIEEHQNDRRYGRHERTPA
 GEKPYEYQWDKAFKYHSHLQKLERNQTDGKNSEVFQHSKVLACQSTLQRNKRDTREKPYKCNECDKAF
 LKLKYL RVHERTHSGKKPYECNQCGKAF LHLNLYRIHERHTHGEKPYQCNQCGKAF TQRSHLQSHKVVHT
 GVRPYICNQCNKAYPQQNYLRKHHERHTHGEKPYICNQCNKAF SHQSNLRIHEKHTHGEKPYKCNQCDKAF
 SHQSNLHIHERHTHGEKPYKCNQCDKAF AHLKYLRAHERHTHGEKPYKCNQCGKAF LHL SCLRVHERHTH
 GEKPYKCNQCDKAF AQLKYLRAHERIHTGEKPYKCNQCGKAF LLL SCLRVHERHTHGEKPYKCDQCGKAF
 TQRSHL KTHKVIHTRGRL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9072_f01.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC066874

ORF Size: 1314 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: [BC066874.1](#)

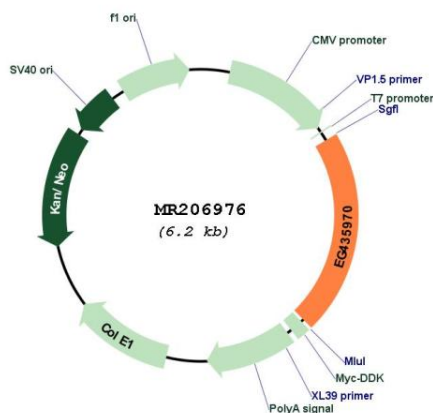
RefSeq Size: 2877 bp

RefSeq ORF: 1316 bp

Locus ID: 435970

MW: 52.2 kDa

Product images:



Circular map for MR206976