

Product datasheet for **MR206728**

1600021P15Rik (BC085092) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | 1600021P15Rik (BC085092) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | 1600021P15Rik |
| Synonyms: | 1600021P15Rik; A430031N04; C87006 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR206728 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGGGAATGGTGCAAAAGCTAGATCAAAAACCTCCCGTGCCCAACGAGTATCTGTTGCTCTCCGGAG
 GAGTCCGGGAAGGTGTGGTGGACCTGGACCTAGATGAGTTAAACGTCTATGCCCGGGGCACTGACTACGA
 TATGGACTTTACCCCTTCTGGTGCCCGCCCTTAAGCTGCATGACCGTAACAGCCTGTGACGCTCGATATG
 CGCCACTCAGCCCTGTGCCACTCCTGGCTGAGCCTCAGGCTCTTTGATGAGGGGACAATCAGTAAATGGA
 AAGGTTGCTGCACAATCGCCGATCACATCAACGGTGCCACCACTACTTCTTCTCCCCACCAAAGTGCC
 TGACTGGTTCTATGACTCCATCAGCATCGTCTCTCGGAGATACAGAAGAAACCCAGAGAGGGATGCCG
 AAGGTGGAGAAGGTAGAGAAGAACGGTACCATCATCTCCATCATTCTGGGCGTGGGGAGCAGCCGATGT
 TGTACGACATCGTCCCCGTGGTGTCTTTCAAAGGCTGGCCCGGTGGCTCAGAGCTGGCTCATGGAGAA
 CCACCTTTGGGATGGGAAGATCACCGAAGAAGAGGTCATCAGTGGCTTCTACCTGGTGCCAGCTTGTCTCC
 TACAAAGGCAAGAAGGACAATGAGTGGCGACTGTCTTCGCCAGGAGCGAGGTACAACCTGAAGAAGTGCA
 TTT**CAGGCAGTCTAATGCAGGCCTACCAAGCCTGCAAAGCCATCATCAA**ACTCCTGT**CGAGGCCAA**
 GGCCATCAGCCCTTATCACCTGCGGAGCATGATGCTCTGGGCCTGTGATCGACTCCCTGCCAGCTACTTG
 GCTCAAGAAGACTATGCAGCCCACTTTTTGCTGGGCCTCATTGACGACCTGCAGCACTGCCTGGTCAACA
 AGATGTGCCCTAATTATTTATCCCCAGTGCAACATGCTGGAGCATCTGTCAGAGGAGACAGTCATGCC
 CCACGCCCGGAAGCTCTCTCGGTTTCGCTCCGATCCCGCAGAGCACCTGCGCACCCGCAATTGAGCACGTG
 AAGGCAGCCAATCGGCTGACGCTGAAGCTCCAGCGTCGGGGCAGCACCACCAGCATCCCCCCCCACAGT
 CGGATGGCGGGGACCCCAATCAGCCTGATGACCGTCTGGCAAAAAA**ACTGCAGCAGCTAGT**GACTGAGAA
 TCCAGGAAGTCCATCTCGGTCTTTATTAACCCGATGACGT**CAGGAGGCCCCATTT**CAGAA**TCGATGAT**
 AAATTTTTC

ACGCGTACGCGGCCGCTCGAGCAGAA**ACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206728 protein sequence
 Red=Cloning site Green=Tags(s)

MLGMVQKLDQKLPVANEYLLLSSGGVREGVVLDLDELNVYARGTDYDMDFLLVPALKLHDRNQPVTLDM
 RHSALCHSWLSRLFDEGTISKWKGCCTIADHINGATNYFFSPTKVADWFYDSISIVLSEIQKPKQRGMP
 KVEKVEKNGTIIISIIILVGSSRMLYDIVVVSFKGWPAVAQSWLMENHFWDGKITEEEVISGFYLVACS
 YKGGKDNWRLSFARSEVQLKKCISGSLMQAYQACKAIIKLLSRPKAISPYHLRSMMLWACDRLPASYL
 AQEDYAAHFLLGLIDDLQHCLVNKMCNPYFIPQCNMLEHLSEETVMPHARKLSSVRSDDPAEHLRTAIEHV
 KAAANRLTLKLQRRGSTTSIPSPQSDGGDPNQDDRLAKKLQQLVTENPGKISVFINPDDVTRPHFRIDD
 KFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC085092

ORF Size: 1269 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: [BC085092](#), [AAH85092](#)

RefSeq Size: 3016 bp

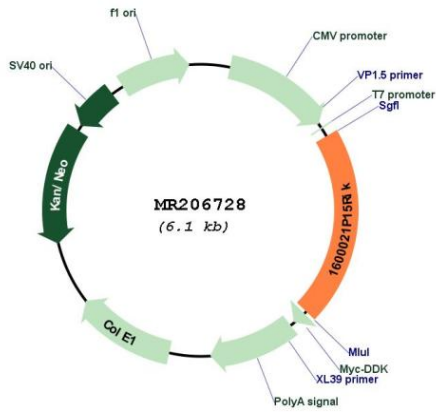
RefSeq ORF: 1271 bp

Locus ID: 239796

Cytogenetics: 16 B2

MW: 47.9 kDa

Product images:



Circular map for MR206728