

Product datasheet for **MC221496**

3632451O06Rik (NM_026142) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	3632451O06Rik (NM_026142) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	3632451O06Rik
Synonyms:	AU067705
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221496 representing NM_026142
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCCAGGACTCAATTACTGGAATTGTCAACTCCTTCAACCTGTTTTCCCATCCACTATGAGCAGAC
 CAACTCTGATGCCACCTGTGTGGCTTTCTGTAGCATTCTTCCCTCACCTTGGCTACAGGATGTCAAGC
 TTTCCAAAGGTGAAAAGGAGGGAGACAGCACAAGAATATGCAGAGAAAAGAGCAGTCCCAGAAGATGAAC
 ACTGATGACCAAGAAAACATCTCCTTTGCTCCAAAGTACATGCTGCAGCAGATGCTCTGAAGCTCCAA
 TGGTACTATCTGAAGGACCTTCAGAGATACCATTAATTAAGTATTCTCAGTCAACAAAGAGAGCCATCT
 TCCAGGAGCTGGGCTTCTGCATCTACCAGCCCTGGTGTACTCTCCAGTGAAGCTGTGGTCTCAGCC
 AGTGAACAAGAGCCTGGCCCCAGCCTGCTTGAAGAATGTCTTCTGAGCAGACCCCTTCCAAAGTCAATG
 TAACTGTTGCTGTATCTCACCTGCTTCTGAACTCCTGACCAGGAGGGACCCTATAACAGTTTGAGTAC
 CCAGCCTATTGTAGCAGCAGTACAGACGTAACACATGGTTCTCTGGATTATTTAGATAACCAAGTATTT
 GCAGCTAAAAGTCAGGAAGCAGTTAGCTTAGGAAATTCACCTTCTTCTCTATAAAATACCAAAGAACCTG
 AGATAATCAAAGCAGATGCAGCCATGGGAACACTGTCTGTTCTGGTGTGATTCTACAGGAGACATGGA
 GCCTGATAGGGAGAGACCCTCAGAGATGGCAGCTGATGATGGCCAGAGCACTACCACCAAGTATTTGGTG
 ACAATCCCAATAATTTCTGACTACTGAGCCAACAGCTGGCAGTATTTGGGGGATGCTAAGGTCACAG
 TGAGTGTGAGCAGCAGCTGGCCAGTCTCTTCTATCTTCAATGAGGAGTGGGATGACACCAAAATTTGAGAG
 CATAAGTCGGGGGAGGCCCCAGAGCCAGGAGACAATGCAGAGACTCAAATGAGAACAAGCCACCACAT
 GGCACCTATGAGAGCTTTGAGGGGACTGAGGAGAGCCCTCTTCCACAGCAGTTTTAAAGGTGGCTCCAG
 GGCACCTGGGAGGAGAACCAGCCTTGGGAACAGCCCTGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
 CTTGACTCATCAGATTTCTTCACTCCCATGAGTCTGGCAGAAGACCCTGAAGTTTCTACCATGAAGCTG
 TTTCAAGTGCAGGAGGCTTCAGAGCCTCCACCCAGGGGACAGGACCCAGCTCTCCTCAGAGACTGCAT
 TTTCTACCTCTCAATATGAGTCTGTGCCACAGCAGGAAGCAGGAAATGTGTTAAAAGACATCACTCAAGA
 GAGAAAAATGGCTACTCAAGCAATGAACACTACATCACCTGTGGTGAACAAAGAGCATATGGCCACCATC
 GAGGTTCCAGAGGCAGTGGGGAGCCTGAAGAAGGCATGCCATCCCTGTCTCCTGTGCCTGCTGAAGTGG
 CTGATGCTGAGCTGTCCAGAAGAGGGGAGTCTCTGGCCACTCCAGCCTCCACCCTGTTGTCCCTTTGTC
 TCTCAAACCTACCTTCCATGGAAGATCTCATGGACACAATCACTGGACCAAGTGAAGAATTCATAACCA
 GTATTGGGCTCTCAATGGCACCCCTGCAATGACTGTGGAGGCTCCACAAATTTCTCAGCACTCCCTT
 CTGAGGGAAGAAGTAGTCCATCTATCAGCCGCCAAATACAGCTGCCTCCTATGGCCTAGAACAACCTGA
 ATCTGAAGAGGTAGAAGATGATGAGGATGAAGAGGATGAAGAAGATGAAGAGGAAGAAGAAGATGAG
 GAAGATGAAGAAGATGAGGAAGATAAAGAGACAGACTCCTTGATAAAGACTTCGATGGTGAATGAAC
 CACCAGGTTTACTCTGCCTGGCATCACGTCCCAGGAACCTGACATACGTTCCAGGAAGCATGGACCTACT
 AGAGGTAGCCACCTACCAGGTGCCAGAGACCATCGAGTGGGAACAGCAGAATCAAGGTCTGGTGAGAAGC
 TGGATGGAAAAGCTAAAAGACAAGGCAGGCTACATGTCTGGAATGCTGGTGCCTGTTGGGGTAGGGATAG
 CTGGAGCCTTGTTCATCTTGGGAGCGCTATACAGCATTAAAGTTATGAATCGCCGAAGAAGAAATGGATT
 CAAAAGGCATAAAAGGAAGCAGAGAGAATTCAACAGTATGCAAGACAGAGTGATGCTGTTAGCTGATAGC
 TCTGAAGACGAATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_026142
Insert Size: 2328 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_026142.4](#), [NP_080418.2](#)

RefSeq Size: 2748 bp

RefSeq ORF: 2328 bp

Locus ID: 67419

UniProt ID: [Q8BT18](#)

Cytogenetics: 14 C1