

Product datasheet for **MR228153**

3110021N24Rik (NM_001254730) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 3110021N24Rik (NM_001254730) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: 3110021N24Rik
Synonyms: 2610002D03Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228153 representing NM_001254730
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCTTCTTTGATCCGCCTCTCCATGGCCCGGGGTCGTCACTCAGCCGAGAGCCTCGTCCTCAGCGGG
GCTCCGCCGCGAAGCCTCGCACTCCTGAGGGGGCTGCGGTCTCAGCGGCCGGGACTGAGGCCAGCGCCC
CTCCAGCCGCCTCAGCCACGCGGTCCGGAAAGCGCGGCCGAGCGCGGCCGAGCGCGGCCGGGGCGCA
GCTTACGGCGGGACAACCGAGGCGATGCAGGCAGACGGGCTCGGCGAAGCCTCGGGCGCCGCCGCGGTGG
CCGCTTCAGCCGCCCGCGCCGCTGGGCCACAGCGCCCCCTGGACCCACGTCCCGCTACGGCGCCGGGAC
TGCGGCGCCGCACCGGGCACGAGCGGCAGGGAACGCGAGGCAGCGGGCTGGGGGTGGCGGGGCCCCG
TGCGCCCTGCGCCGCCCGCGGCCGTGGCCCGCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228153 representing NM_001254730
Red=Cloning site Green=Tags(s)

MSSLIIRLSMARGSSLREPRPQRGSAKPRTPEGA AVSAAGTEAQRPSRLSHAGPGKRGRARPSAAGGA
 AYGGTTEAMQADGLGEASGAAVAASAARAAGPQRPLDPTSRYGAGTAAAPGTSGREREARPGGGGAP
 CALRRPRPVARP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001254730

ORF Size: 456 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: [NM_001254730.1](#), [NP_001241659.1](#)

RefSeq Size: 1812 bp

RefSeq ORF: 459 bp

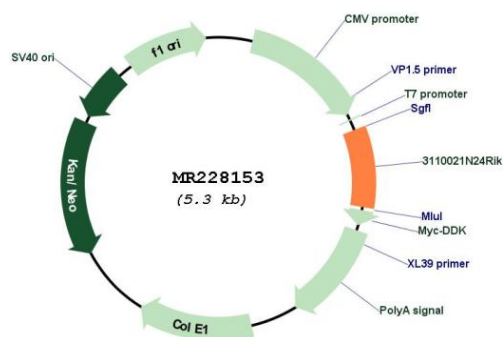
Locus ID: 73133

Cytogenetics: 4|4 C7

MW: 15.3 kDa

Gene Summary: DISCONTINUED: This record has been withdrawn by NCBI staff.

Product images:



Circular map for MR228153