

Product datasheet for **MR218995**

I830077J02Rik (NM_001033780) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: Myc-DDK

Symbol: I830077J02Rik

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR218995 representing NM_001033780
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGATCTACTTCCTCCACACCTAAATCCACAATCTGCACATTCTCCACGACAGCCCCAGTGACCAGCT
CTACACCCTATTTCTTCAACCCCAAAAGGAACACATCATCTTGGCCTTTTGTGGGGTTCTGCTGAC
ACTGCTCATTGTGGCCCTTATCTTCTCATTGTCAAGAGCTGCAGAAAATGTCACCTCCAGTGCCAGACC
CAGGACCCCTCCCTCAGAGCCTCCACCAAAGTGTCTCTTTATCAAAGGAGTCACTCACGTATGCCAGCA
TGACTTTCAAGCCCCAGAAGAAAACAGCAATGACTTGACTAGAAACCACTCCTCAGGCTTGGAGCCAC
TATCTATTTCCAGATTAAAGTGACAGACTCAGATCTGCCTCTCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218995 representing NM_001033780
Red=Cloning site Green=Tags(s)

MGSTSTPKSTICTFSTTAPVTSSTPYFFNPKKEHIILAFFAGVLLTLLIVALIFLIVKSCRKCHSSAQT
QPPSEPPTKLSSLKESLTYASMTFKPPEENSNDLTRNHSSGLEPTIYSQIKVTDSLPLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9026_a06.zip

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001033780

ORF Size: 396 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).

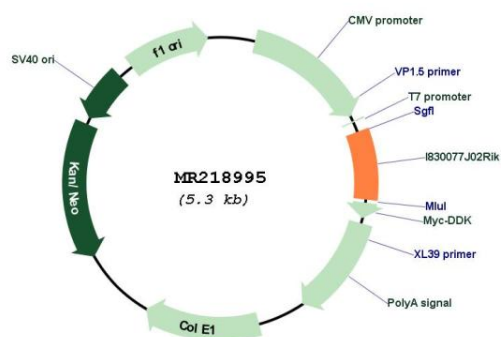
Reconstitution Method:

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:	<u>NM_001033780.3, NP_001028952.1</u>
RefSeq Size:	1066 bp
RefSeq ORF:	399 bp
Locus ID:	433638
UniProt ID:	<u>Q3U7U4</u>
Cytogenetics:	3 F2.2
MW:	14.8 kDa

Product images:



Circular map for MR218995