

Product datasheet for MR228626

Gm20877 (NM_001199332) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gm20877 (NM_001199332) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Gm20877
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >MR228626 representing NM_001199332
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACATCACTCAAGAAGAAGAGTAGGAGGAAGCCTTCTCCAGGCTCTGGGAATAAGGTTGGCTGCA
 GAATTTCTCACGGTTGGAAGGAAGGTAATGTGCCTGCCACCCATTGGAAGGCCATCATTCTAGGTCACT
 GCCAACAAACCCTTCTCTTTATTTGGTGAAGTATGACGGAATTGACAGTGTCTACGGACAGGAGCTCCAC
 AGCGATAAGAGGATTTTAAATCTTAAGGCTTGCCTCACAAAATAGTTTTCTCAGGTGAGGGATGTCC
 ACCTCACCACTGCCCTGGTTGGCATAGAGGTACAACACAAATTTGAGAGGAAACATGGCTCTGAGAAAAA
 CTGGAGTGGGATGGTGTAGCCAGGTGCCATTCTAAAGGACTGGTTTTACATTTCTTACAAGAAGGAT
 CTGGTCTCTACGTCTATCAGCTCCTGGATGACTACAAGGAAGGTAACCTCCACATCATTCCAGAGACCC
 CTCTGGCTGAGGCGAGATCAGGTGATGACAGTATTTCTTAATAGGTACCTGGGTGCAGTACACCAGAGA
 TGATGGATCCAGAAAGTTCGAAAGGTTGTTTACACATTTCTAGCCAATTCTAATGTGTACTTTATCAA
 TTTCATGGTGACCTACATATCTTTGTCTATACTCTGGTGTCAAATATCACT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228626 representing NM_001199332
 Red=Cloning site Green=Tags(s)

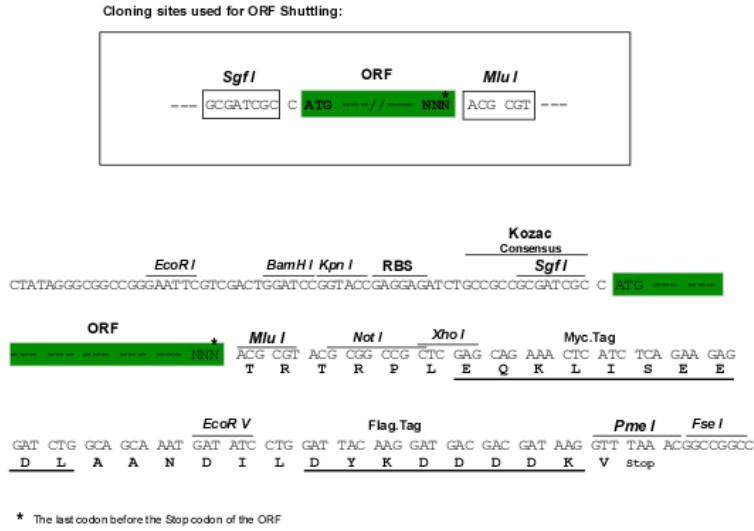
MTSLKKKSRKPSQALGNKVGCRISHGWKEGNVPATHWKAIILGQLPTNPPLYLVKYDGDSDVYQQLH
 SDKRILNLKVLPHKIVFPQVRDVLHLSALVGIQHKFERKHGSEKNWSGMVLAQVPFLKDFWYISYKDK
 LVLVYVQLDDYKEGNLHIIPETPLAEARSDDDFLIGTWVQYTRDDGSRKFGKVVYTFLLANSVYFIK
 FHGDLHIFVYTLVSNIT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

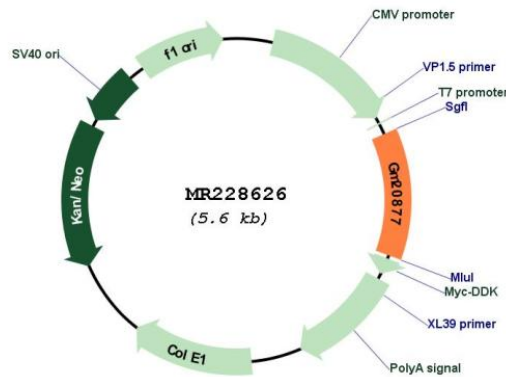


Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001199332

ORF Size: 681 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.

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001199332.1, NP_001186261.1</u> |
| RefSeq Size: | 1212 bp |
| RefSeq ORF: | 684 bp |
| Locus ID: | 100041550 |
| Cytogenetics: | Y A1 |
| MW: | 26.5 kDa |