

Product datasheet for **MR214043**

Gm9268 (NM_001105061) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Gm9268
Synonyms:	EG668612; Vmn2r64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR214043 representing NM_001105061
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTCTGGATTTTATCTTTGGGTTTTGTATATCCCAATTTTGTATGTGCCTTTACTGGTGATAAGT
 GCTATGGAACAATCAAGGAATATACTTACTATGAAGGAGATGTGACAATTGGTGCTTTTTTCTCTTCA
 TAGTTACTACACATGACCATGTTCCCATGAAATTGACCATACTTTTTCCAGGATATGTTACACAG
 TATAATTTTATGAACACAGTTACTTCTGGCCCTGGTGTACCATTGAGGAGATCAACAGAAATCCTC
 ATCTTCTACCAACACAACCTTTGGATTGAGCATCATAACATTAATTTTCTGAAAAGAATATCTTCT
 TGGGGGCTGCAATCAACTAATTAATTATAAAGTGTGGACAGAAGAGAAATTTACCTGCAGCACTCACTGGA
 ACATCATGGCAATATCTGCCCATATTGGGACACTGCTACAACCTCTACAAAATACCTCAGGTGAGCACTC
 AGTTTGGATATTTGATTCTAACATGAATGACCAAGTCAGTTTAAACTCTCTATCAGGTGGCCCTGA
 GGACACATATCTGCTACTGGCCTTAGTGTCTTTGATGCTTCATTTAGCTGGTCTGGGTGGTCTGATT
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 TGAGTTTGTGAATTTTGTCAAACAGTGAATCCCTACACATACCCTGAAGATGATTATCTTCTCAAGTTT
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 TATGCAAACTCAGAGAAGAACCCTGCTCCAGAAATCTGTGAGCTTTTGGCCTATGAAGAGCCCTTGG
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 CAAGATCACCTCTCCAGCTAGAATGGTGAGGTGGTTAATAGTATCAGGGGCCCAAAATTCATTATTCCC
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 ACATTCAACGAAGCCAAGTACCTGTCAATCAGCATGCAGGATTCTTCTGTGTTTGGATCACTTTTCTCC
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 AGCACTCCTTGCTTTGATATTTGCCCCCAAGTGTACATAATTTTGTAAAGCCAGATAAGAAGTACAGT
 CTTGACATCAGGCACAAAATACATTCAAGAAGAGTAGTCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214043 representing NM_001105061

Red=Cloning site Green=Tags(s)

MFWIFIFGVLYIPNFVCAFTGDKCYGTIKEYTYEGDVTIGAFFPLHSYYTHDHPHEIDPYFFQDMFTQ
YNFMNYQLLLALVFTIEEINRNPHLLPNTTLGFEHNIKFSSEKNILLGGCNQLINYNCGQKRNLPAALTG
TSWAISAHIGTLLQLYKIPQVSTQFGYFDSNMNDQSQFKTLYQVAPEDTYL SLALVSLMLHFSWSWVGLI
VPNDPRGTQILSEFRDVMESNRICLAFVKMIPGTWNSYSDSIWKNMEKIQESSANVIVYGDIVSLQGLM
RHIAQLLLVTWKVWVLSQWDIDYYSDFMIESFHGSLIFSHHHEEMVEFVNFVQTVNPNPTYPEDDYL PKF
WVFFFKCSFSEFDCQLLENCQPNASLDLLLRHIFDPAMSEESYNLYNAVYALAHSLHEMTVQQIQTQPYA
NGDGMAFLPWQILPFLKITLLKNHPSGQTVIDERKNLYSEYDIFNFWNFPTGLGLKMKVGTFSNPSQGG
QLSLSEMIQWPTQFTKIPQSVCSSECRPGFRKAAQEGKAVCCFDCIPCADNEISNETDMDQCVCPCESH
YANSEKNHCLQKSVSFLAYEEPLGMGLTITALDFSVLTAVVLVVFVKHRDTPIVKANNRVL SYTLLTLI
ICFLSCLLYIRQPNTATCILQQTAFTGLFTVALSTVLAKAIVVVTAFKITSPARMVRWLIVSGAPNSIIP
ICTLIQLIIYGIWLATSPPFIDQNAHVEHGHIIIMCNKGSAAVAFHCVLGYLCFLALGSYSMAFLSRNLPD
TFNEAKYLSFSMQVFFCVWITFLPVYHSTKGKVMVAMEVFSVLASSIALALLIFAPKCYIILLRPDKNSR
LDIRHKIHSRRVVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9094_a03.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001105061

ORF Size: 2562 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_001105061.1, NP_001098531.1

RefSeq Size: 2565 bp

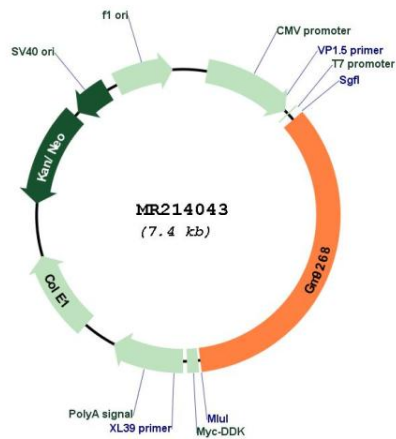
RefSeq ORF: 2565 bp

Locus ID: 668612

Cytogenetics: 7 B3

MW: 97.5 kDa

Product images:



Circular map for MR214043