

Product datasheet for **MR214064**

Fam71f1 (NM_207258) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam71f1 (NM_207258) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam71f1
Synonyms:	GARI-L1; Gm764; NYD-SP18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR214064 representing NM_207258 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGACATCAGTTCCACCTAGAAAGTCTTGGTGGACATCGAAGAAGACAGTAAAAGTGATAAGATCAT
ATCCAACCTTCCCTTCTTGAATGCCTGGGAGAAGTTCAGGGGCCTTTGCCTGTGGATGGGAAACGAA
CCCTGGAGTGGGCTGGGAGTGGAGGAAGGACTACTCTGCCAGATGGTTCATTCTCCAGAATTCAATCTG
TTTCCTAACTCCGTGGTGTTCGAAAGCAACTTTGTTTCAGGTGAGAAGGAGCAGAACTGGAAAGAAATCT
ATAAGGCTTCCAACAATGGCCCTTGGGGTACCTCCTCGTACCTTGCCTTCCCCTTCCGAACATCCT
CCTTATGGCCAGAGTCAAATGGCATCAGGGCAGAGCCAGACATGGAACAGACCATCCAGAGCGCCAAGC
ATCAACCTGAAGAGCATTCTCCCTTTGAAGTTTGTGGAGTCCAGATCTGGGACGACCAGGAACGGTCC
TGCGGTTGAGGACAGTACCCGAGAAAATCTACTATCTGAAGCTCCATCCCAGCACCCCTGAGACTGTCTT
CCACTTTTGGATCCGCTGGTCAAATCTGCATAAGGGTCTGTCCATCACCAAGGACCCCTACCATC
CTTGTCACCTACTGCCTGGTACCAAGAGCCTTTCAGCCAGGTGGAAGACTGAGTTAGTGCAGAAGA
AATCGAAAGGCCCTCCAGCCAGTGAAGCCTCACACATCTGATGGCCAGGGGAGAGCGAGACCCCTC
CCAGATCTTTCCGACTTGCATCAGCAGAAACAGTACAGGAGCGAAAAGATGCACATCAACAAGACCAGC
TCAGAAAGCTACTCCCTGTGAAGACAGCATCCCCTGTACCTGTGATCTCAACTGGAGGGATGCATTCA
TGTTCCGAGAATGGGAAAGAGAAAACCTTCTGGACCACAGCCCTCTCACTCCTCGGTACTCTGGCTGC
CTCCAGCAGGCCACGGCTGTCCCTAACTGGAGGAAACTCTATA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR214064 representing NM_207258
 Red=Cloning site Green=Tags(s)

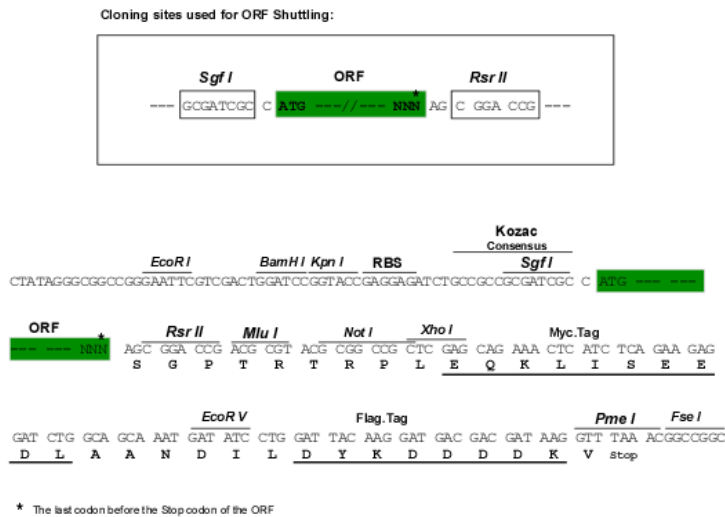
MMTSVPPRKSWWTSKKTVKVIRSYPTFPNSLNAWEKFRGLLPVDGETNPGVGLGVEEGLLCQMVHSPEFNL
 FPNSVVFESNFVQVRRSRNWKEIYKASNTMALGVTSSVPCLPLPNILLMARVKWHQGQSQTWNRPSRAP
 INLKSILPLKFVELQIWDQERVLRLRVTEKIYYLKLHPDHPETVFFHWIRLVQILHKGLSITTKDPTI
 LVTHCLVPKSLCSPGGKTEL VQKKSKGLQPSESL THLMAQGESETLSQIFSDLHQKQYRSEKMHINKTS
 SEKATPCEDSIPCTCDLNWRDAFMFGWERENPSGPGPLSLLGTLAASSRPRLSLTGGNSI

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9071_c04.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_207258

ORF Size: 1023 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.

RefSeq: [NM_207258.3](#), [NP_997141.2](#)

RefSeq Size: 1587 bp

RefSeq ORF: 1026 bp

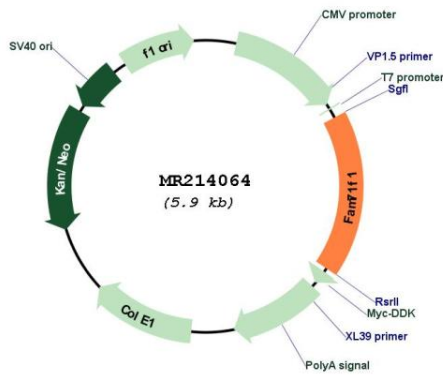
Locus ID: 330277

UniProt ID: [Q3UZD7](#)

Cytogenetics: 6 A3.3

MW: 38.7 kDa

Product images:



Circular map for MR214064