

Product datasheet for **MR208899**

Fam222b (NM_145430) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Fam222b (NM_145430) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Fam222b |
| Synonyms: | 9630020I17Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR208899 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTAGCCTGTCTCCAGGACCAGGTGACCTGTCCCTTCAGCTTCTTTCTCACACGCAGATGAACACTG
 GACTTCAGAAATGGGACACTACACAGAAAATGAGAACTGCTCACTATCCCACCCAGCCGAATTGGACGC
 GTATGCTAAGAAGGTCGCAAAACACCCACTGACTATAAAAAATCTTCCCAACAGTGTGAAGGTTCCCCAG
 CGGAAACACGTTCTGCTACTGTGAACGGCCTCGACACATCAGCCCAGCGCTACAGCCCTACCCGACTC
 AGGCCGCCACCAAGGCAGGCTGCTTGCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGACTTTGA
 CGGCACCCGAGCTCGTTCTCCCTGAGGCCATCATGAACCCCCAGTGGCACCCCTATGCTACTGTGGCA
 CCCAGCACTTTAGCCACCCACAGGCCAGGCTCTGGCCCGCCAGCAGGCTCTGCAGCATGCACAGACCC
 TGGCCCATGCCCTCCCAGACACTGCAACACCCTCAGGGTATACCACCACACAGGCACTGTCTACCC
 TCAGAGCCTCCAGCAGCCTCAGGGCCTGGGCCACCCTCAGCAGATGGCCCAAACCCAGGGCTTGGTCCAC
 CCTCAGGCCCTGACTCATCAGGGTCTCCAGCACCCCTAATCCCTTGCTGCATGGAGGCCGGAAGATGC
 CAGACTCAGATGCACCCCGAATGTGACCGTGTCTACCTCAACTATCCCCCTTCAATGGCGGCCACCCT
 GCAACACAGCCAGCCCCGGACCTGAGCAGCATTGTGCACCAGATCAACCAAGTTTGGCAGACGAGGGCA
 GGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCCAACCCAGCCCTATTAGTCGCAGTCTGCTCA
 TCAATGCAAGCACCCGGGTGTCGACCCACAGCGTCCCCACACCAATGCCTTCATGTGTGGTCAATCCCAT
 GGAGCACACCCACGGCCACAGCCGCACTGCCTGTGTCAGGTCTGTCAACCTGCCACAGGCATCTCT
 CGAGCCCCACTGGCTACCCTAGCGACCTCAAGCCAGTTACCTGGAACCAGCACCAGCTGGCTCACCTAC
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 GTTGGCAGGGCCTGGTTTTGTGGGCAAGGCCGCTGCCTACCCACAGGAACCTCGCTGGCAGCAGTCTTC
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 ACCCGAATGGCCACTACTTCCAACCCTGTGGAACAACATTCTACCAACTCCCAATAGCGACAGCTCGGG
 GTCTCAAGACCTAACCATGCCATTCCATGGTGGCAGCCACGGGTGCACCCCTCGACTGTGGGGCAGCT
 CCTGGGGCCACTACCGAGCAGGGACTGGGGTGGTCCAGTGGCAAGCCAGAACAGCTTGATGCAAACGG
 TGGATTACCTGAGTGGGATTTCCAGCAGGCTGCTTCCGAGAACAGAGCCTGGCCATGTTGAGCAAAGC
 CCACCGAGCTCCTGGCACCCGAGCCCTGATCCCACAGATAGTCGAAGTCTTCATATTCAGCACCCAGGG
 TATAGA

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208899 protein sequence
 Red=Cloning site Green=Tags(s)

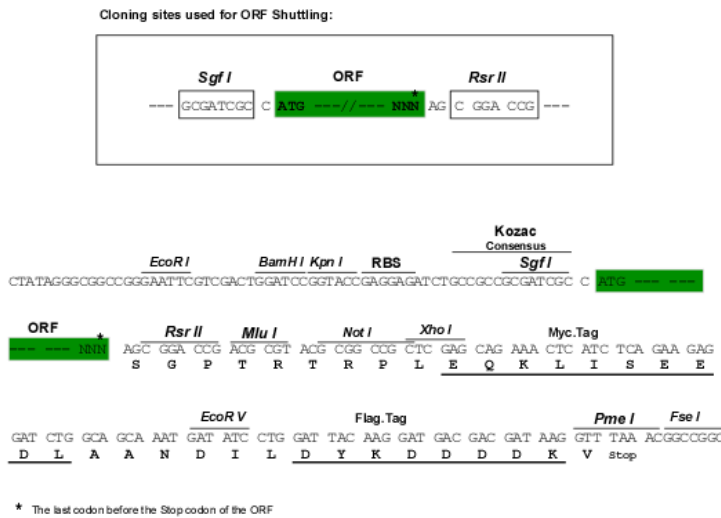
MLACLPGPGDLSLQLLSHTQMNTGLQKWDTTQKMRTAHYPTPAELDAYAKKVANNPLTIKIFPNSVKVPQ
 RKHVRRTVNLDTSAQRYSPYPTQAATKAGLLAIVKVPKAKSILKDFDGTARARFLPEAIMNPPVAPYATVA
 PSTLAHPQAQALARQQALQHAQTLAHAPPQTLQHPQGIPPPQALSHPQSLQQPQGLGHPQMAQTQGLVH
 PQALTHQGLQHPPNLLHGGRKMPDSDAPPNVTVSTSTIPLSMAATLQHSQPPDLSSIVHQINQFCQTRA
 GISTTSVCEGQIANPSPISRLLINASTRVSTHSVPTMPSCVVPMEHTHAATAALPAAGPVNLPPTGIS
 RAPTYPSDLKPVTVNQHQLAHLQQMCSEAGGTPAPGLTGKHTAGRELAGPGFVGKAAAYPQELCLAQSF
 HLKPPLEKPTSPPVNGLPAPLAYPNGHYFQPLWNNILPTPNSDSSGSQDLTMPFHGGQPTGAPLDCGAA
 PGAHYRAGTGGGPVAVSNLSMQTVDYLSGDFQQACFREQSLAMLSKAHRAPGTRAPDPTDSRSLHIQHPG
 YR

SGP**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



ACCN: NM_145430

ORF Size: 1689 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_145430.3](#)

RefSeq Size: 3884 bp

RefSeq ORF: 1689 bp

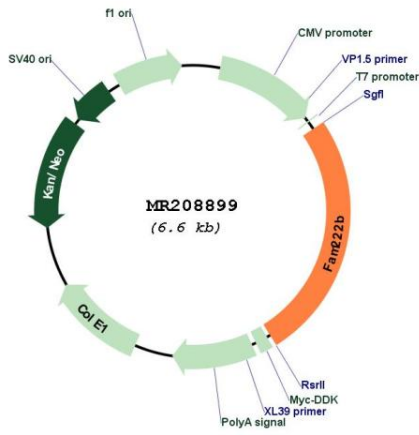
Locus ID: 216971

UniProt ID: [Q6P539](#)

Cytogenetics: 11 B5

MW: 59.6 kDa

Product images:



Circular map for MR208899