

## Product datasheet for **MR210657**

### Fam149a (NM\_153535) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam149a (NM_153535) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam149a
Synonyms:	AW213256; mKIAA4166
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR210657 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAAGTTCGCTGTGTTGGACCTGGGGTCTCTGTTTCCCAAGATCTTCAAGCTCTCAACAGCATCCCCGG  
CAGTCTCCAGCCACCCTGGAGGCGGGCCGACAGGATCAGTAGACTCCGGCGCCAGCAGTTCGCTTAG  
AGAGGCTGAGACCCTGACTTTGCTCCCATCTCTGCCTCCAGACACCGCGCCTCACGGGAGCCCTTACC  
CCGGTGCACACTCCGCTCCCTGCCTCGACCCAGGAGCTCCGCAGTGTCAAAGGGTAGAAGCAACAG  
GGTGTCCGGATCTTGCCAGCAGCTCAGGAGCATCCATAGCACCGCCCTTAACCCCTACAGTGGCTC  
TGCCGGCTCAGTGGCTTCACTGACTTTACCCAGCCAGGGTTGACTGGGCGACCCTGCCTTCTGTACC  
ATCCCCTTGGGCAGCAACAGCGTCACAGCATCAAGTCCACGGAACCTCGCCAGTGCAGCTCCTGGAG  
AGCGAGAGCCAGTGTATGGATGGCCCCGGTCCGGTCCCAAACCTCTGTTTTTACCTTGCCTGACAT  
TGGCGAGGAATGGACCTCGACAGCGACTCCAGGATGACCCAGAAGGAAGGGGGCTCTCGGAAGGACTC  
AGGAAGCAGAGCTCTGAAAAGAGCAAAGATCCTTTACCTACGAATTTTACGAGAAACGTGCAGAAAGCCA  
TTGATAAATTCGCCAGCGAGTCCCCCTCATATTTTATCCAGTGGGAGCCGGACGCCACAGAGGCCCA  
CAACTCATGGCCTGGCTTTCTACACAGAGCTCTACCACGGGATTGTCTACGGAGCGGAGCTCGGTTTCT  
TCTTGGAGAGATGATGAATTTGACAAAGTCAGTGCACAGAAAGTCCACCAGCTGTTTTGGGAGGTTGAGG  
AACTGCTATTTGAAGGGAAAGTGAAGTCCCAGACCCAGAATCTCCTGGCTGAATGCAGCGAATGGGCAAG  
AAGGTCCCTCCATCTCAGGGTGGTAGGAAGACAGCTCGTCCCACCCAGGATGAAGGCTTCCAACATTT  
CAGGGGAGCCTGCCTAGTCTGCTACTCACGAAGCTTTACCTCATGTCCCTGACCACACCAGCAGCAGCA  
GAGAGCTGTGTATCTCTGGCTCTCAGATAGTCCCTGAGGTACACTCAGCCTCAGCCTTACAGGCTGTA  
TGGCACGGAATCGGCTGACCTCACATCATGCTCATCCCTGAAAGAAGAGGTGTACCATGTGGATGGAAAC  
ATTGAAGAATATTTTGCCTTCGACAGAAAGCAGGATGGAGATGAGCATCTTGGACAAAGCCAGCACTCC  
GTGGCAGGAAGAGGCATCGCCATGGGCTTCTCCCATTTCCCTGATGACTGCATCAGAGATGCTGTGGC  
AGCAGAAGTGTGGACCAGTGTGGACCAATGTGGTAGAAATCCTGGAAGACCTCATTAGAAAAACCTGG  
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TGCTCATGTCCCCTCAGCACCAGTGTTCAGTGTCCCCCATCCCGAAGCTCTGATACGCTCCAGCC  
ATCCTTGGCTCCCCTTTAACCCACCCAGTTTCCCTCAGCTCCATCGCTTCTCCAGCAACTTCTACAGT  
GACTTGAGCGGTGTGATGACGATTCAAGCCAAACCACTCCAGCAGAGACCCACTTATTCTGCAGATAGAA  
CACAAAATGACCAAGATGACAAACTGCCTGGAGGAGGGTCCGGAGCATTTCCCGCACCAGCTTGCCCG  
AATTCTAGATGCCCGAGGGCCACAGACTTCAGTCAAGAAGACACCAAGTGCACAGGAGACTGCCTTCAATT  
GCCTCAGACCCACAGAGGCTGAAAACCCCACTGTCTACAGTGTGAAATTTCTGAGAGGAACCAACTGC  
AACTGGCATTGACTACCTGCCTTCCCCAGCAGAGTCAAACCTCCCGGAGCCGGTTACCCCAATAGG  
CTCTGAGACTGGGGAGCCCAACACGGCAGCCTCAGGGTCCCGCCTGTTTCTTACAGGGGAAGGCACCCA  
CAAAGCCGTGTGTTACAGCGCAATGCCTGACAGCATCGAACGGTCAACCCCTCGAGAAAGGACCATTGTAT  
TGGAACAGCTTCAAGGCCAGCACAACACACATTCCGGTCCAGACACACCTCGAAAAGGCTCCCTGAC  
ACCCGTGGAGTTTGTGGCTCACACTTGGACGGTCAAAGTATTTTACAGGTTTACAGTATCTGCCAAA  
TCTTATCAGAGGGCAACCCTGACTGCAAGAAAGAGGTTCCAAGTGGCCTCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR210657 protein sequence  
 Red=Cloning site Green=Tags(s)

MKVAVLDLGS LFAKIFKLSTASPAVSSHPGGAAATGSVDSGASTSLREAETLTLLPSLPPDTAASREPFT  
 PVHTPLPASHPRSSAAAQRVEATGCSGSLPSSSGASIAPPLTPYSGSAGSVASVTLPSPGVDWATLPSVT  
 IPLGSNSVTASSPRNPRQLRAPGEREPSVWMAPGPVVKTLFFTLPDIGEEWTSDDSQDDPEGRGLSEGL  
 RKQSSEKSKDPLPTNFTRNVQKAIDKFASESPSSFSSSGSRTPTTEAHNSWPGSSTQSSTTGLSTERSSVS  
 SWRDDEFDKVSAQKVHQLFWEVEELLFEGKVSPQTQNLLAECSEWARRSLHLRVVGRQLVPPTDEGFQHF  
 QGSLPSSATHEALPHVPDHTSSSRELCISGSQIVPEVHSASAL TDPDGTEADLTSCSSLKEEVYHVDGN  
 IEEYFAFDRKQDGEHLGQSPALRGRKRHRHGLPPI SPDDCIRDVAVAE VFDHVWTVNVEILEDLIRKTW  
 ESALTGGKKHKEKLKVAENRSPHVLMSRLSTDVCSVPPSRSSDTLQPSLAPHFNPPQFPQLHRFSSNFYS  
 DLSGVMTIQAKPLQQRPTYSADRTQNDQDDKLPGGGVGASSRHRLGRILDARGPQTSVKKTPVHRRLP  
 SIASDPQRLKTPTVYSDEILRGTKLQTGIDYLPSPAAVQTSRSLPPIGSETGEPNTAASGSRPVSYRGRHP  
 QSRVFSAMPDSIERSPLRERTIVLEQLSRPSTHTFRSDTPRKGSLTPVEFVAHTWTGQSILTGSQYLPK  
 SYQRATLTARKRFQVAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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\\_153535.1](#), [NP\\_705763.1](#)

**RefSeq Size:** 5479 bp

**RefSeq ORF:** 2364 bp

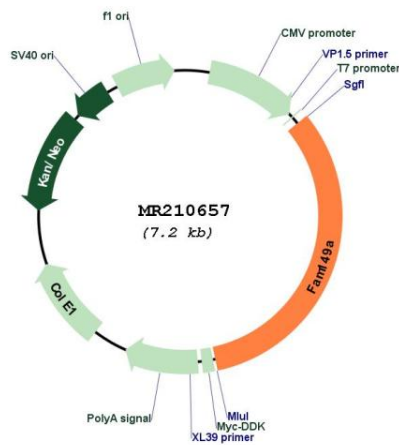
**Locus ID:** 212326

**UniProt ID:** [Q8CFV2](#)

**Cytogenetics:** 8 B1.1

**MW:** 85.1 kDa

**Product images:**



Circular map for MR210657