

Product datasheet for **RR210141**

Fam241b (NM_001127452) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam241b (NM_001127452) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam241b
Synonyms:	RGD1305587
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210141 representing NM_001127452 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTGAGGATCTTGCCAATGGGGAGATCGTTCAGGATGATGACCCCCGAGTGAGGACTACCAACCAAC
 AGAGGAATAGCAGCCCCCGCAGGGCTTTTCAACAGAGGCCACAGTGCACCTCCAGGGGGCCCTGGACC
 CCACCAGCAGCAGGCAGGTGCCGACTGGGTGCTGCCAATCTCCTTTCAGTGACCTGAACCGGCAGCTG
 GTGAACATGGGCTTCCACAATGGCATCTTGGGAACACGTGGTAGAGCCTGTGACCTCCATCCTCCTGC
 TCTTCCTGCTCATGATGCTAGGGGTTCTGGCCTCCTGCTGTGGGCCTGGTCTACCTGGTGTCTCACCT
 GAGCCAGCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RR210141 representing NM_001127452 Red=Cloning site Green=Tags(s)
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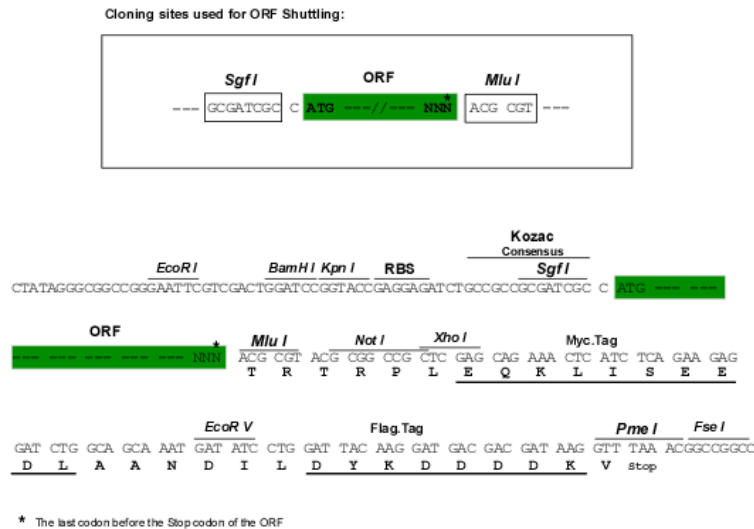
MVRILANGEIVQDDPRVRTTTQQRNSSPRQGFNRRHSAPPGPGPHQQAGARLGAAQSPFSDLNRQL
 VNMGFPQWHLGNHVVEPVTSILLFLMLMLGVRLLLLVGLVYLVSHLSQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:



ACCN: NM_001127452

ORF Size: 360 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_001127452.1](#), [NP_001120924.1](#)

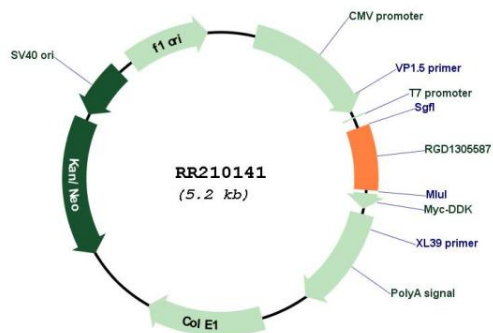
RefSeq Size: 1281 bp

RefSeq ORF: 363 bp

Locus ID: 294499

Cytogenetics: 20q11
MW: 13.2 kDa

Product images:



Circular map for RR210141