

Product datasheet for **RR208981**

Fam133b (NM_001024799) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam133b (NM_001024799) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam133b
Synonyms:	RGD1306302
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR208981 representing NM_001024799 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAGCGAGACAATCGCGTGGCCTACATGAATCCAATAGCAATGGCTCGGTCAAGGGGTCCAATCC
AGTCTTCAGGACCAACAATCCAGGATTATCTGAATCGACCAAGGCCTACCTGGGAGGAAGTGAAGGAGCA
GCTGGAAAAGAAAAGAAGGGCTCCAAGCCTTTGGCTGAGTTTGAAGAGAAAATGAATGAGAATTGGAAG
AAAGAAGTAGAAAACATAGAGAAAACCTATTAAGTGGAAATGAGAGCTCATCCAAAAGCGACAGAAAA
AGAAAAAGAAAAGAAGAAATCTGGTAGGTATTTCATCTTCTTTCATCGAGCTCTGATTCTTCCAGCAG
TTCTTCAGATTCTGAGGAGGAGGATAAAAAGCAAACAAAAGAAGGAAGAAAAGAAGAGCCATTGCCAT
AAGTCTCCGGAGACCTCCGTGTCGGATTGAGACTCAGACAGCAAGGATGGTTCAAAAAGAAAAGAAGT
CAAAGGATATAACTGAAAGAGAAAAGGACACTAAAGGACTCAGCAAAAAGAGAAAGATGTATGAGGATAA
ACCTTTGTCATCTGAGTCATTGTCAGAGTCAGACTGTGGAGAGGTGCAAGCGAAAAGAAGAAAAGCGGT
GAAGAGCGAGAGAGAACAACAGACAAAGCTAAAAAGAGAAGGAAGCATAAGAAACACAGCAAGAAGAAGA
AAAAGAAGGCTGCCAGTCAAGCTCAGACTCGCCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR208981 representing NM_001024799
Red=Cloning site Green=Tags(s)

MGKRDNRVAYMNP IAMARSRGPIQSSGPTIQDYLNRPRTWEEVKEQLEKKKKGSKALAEFEEMNENWK
 KELEKHREKLLSGNESSKKRQKKKKKKKSGRYSSSSSSSDSSSSSDSEEDKKQTKRRKKKKSHCH
 KSPETSVSDSDSDSKDGSKKKKKSKDITEREKDTKGLSKKRKMYEDKPLSSESLSESDCQGEVQAKKKKSG
 EERERTTDKAKRRRKHKKHKKKKKKAASSSDSP

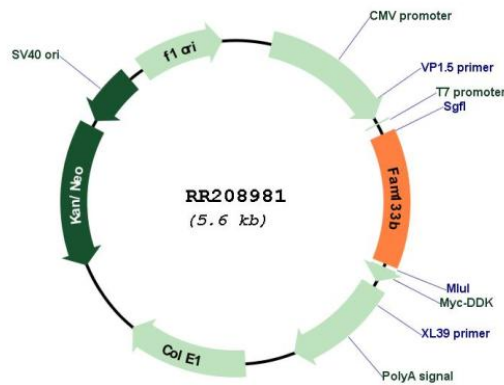
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001024799
ORF Size: 735 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:	<ol style="list-style-type: none">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_001024799.1 , NP_001019970.1
RefSeq Size:	2009 bp
RefSeq ORF:	738 bp
Locus ID:	362320
UniProt ID:	Q505I5
Cytogenetics:	4q13
MW:	28 kDa