

Product datasheet for **RR206213**

Frzb (NM_001100527) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Frzb (NM_001100527) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Frzb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206213 representing NM_001100527
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCTGCCCGGCCCGGACGGATGCTGCTAGGATGGCCGGGCTGTTGGTCTGGCTGCTCTCTGCC
TGCTCCAGGTACCCGGAGCCAGGCAGCAGCCTGCGAGCCTGTCGCATCCCCGTGCAAGTCCCTACC
CTGGAACATGACCAAGATGCCCAACCACCTGCACCACAGTACCCAGGCTAACGCCATCTGGCCATCGAA
CAATTCGAAGGGCTGCTGGGCACCCACTGCAGCCGGATCTTCTTTCTTCTCTGTGCCATGTACGCAC
CCATTTGACCATCGACTTCCAGCACGAGCCCATCAAGCCCTGCAAGTCCGTGTGTGAGCGCGCCGACA
GGGCTGCGAGCCCATCTCATCAAGTACCGCCACTCGTGGCCGAAAGCTTGGCCTGCGAAGAGCTGCCG
GTGTACGACCGCGCGTGTGCATCTCTCCGGAGGCCATCGTCACCGCGGACGGAGCCGATTTTCCTATGG
ATTCGAGCACTGGACTGCAGAGGGACAAGCAGTGAACGTTGCAAAATGTAAGCCTGTCAGAGCTACACA
GAAGACCTATTTCCGGAACAATTACAATATGTCATCCGGGCTAAAGTTAAAGAGGTAAGATGAAATGT
CATGACGTGACCGCCATTGTGGAGGTGAAGGAAATCTAAAGGCATCACTGGTAAACATTCAAGGGATA
CCGTCAACCTGTACAGCACCTCTGGCTGCCTCTGCCCTCCCTCAGTGTTAATGAGGAGTATGTCATCAT
GGGGTATGAAGATGAAGAGCGCTCCAGGTTACTTTGGTGAAGGCTCTATCGCTGAGAAGTGGAAGGAT
CGGCTTGGTAAGAAAGTCAAGCGCTGGGATATGAAACTCCGTCATCTGGACTGGGTAAGGATGATGCCA
CGGATCCACTCAGAATCAGAAGTCTGGCAGGAACGCTAATCCCCGGCCAGCGCGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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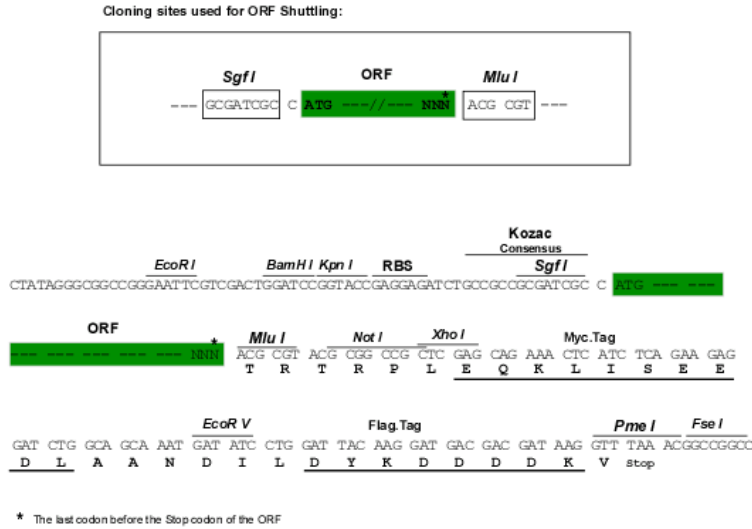
Protein Sequence: >RR206213 representing NM_001100527
 Red=Cloning site Green=Tags(s)

MVCRGPGRMLLGWAGLLVLAALCLLQVPGAQAAACEPVRIPLCKSLPWNMTKMPNHLHHSTQANAIIAIE
 QFEGLLGTHCSPDLLFFLCAMYAPICTIDFQHEPIKPKCSVCERARQGCEPILIKYRHSWPESLACEELP
 VYDRGVCISPEAIVTADGADFPMDSSSTGHCRTSSERCKCKPVRATQKTYFRNNYNYVIRAKVKEVKMKC
 HDVTAIVEVKEILKASLVNIPRDTVNLYSTSGCLCPPLSVNEEYVIMGYEDEERSRLLLVEGSIAEKWKD
 RLGKKVKRWDMLRHLGLGKTDASDSTQNQKSGRNANPRPARS

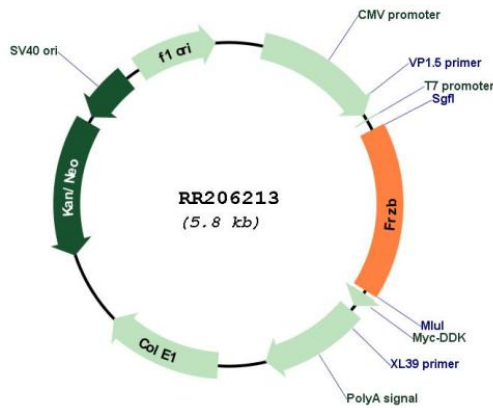
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001100527

ORF Size:	969 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_001100527.1 , NP_001093997.1
RefSeq Size:	2764 bp
RefSeq ORF:	972 bp
Locus ID:	295691
Cytogenetics:	3q24
MW:	36.1 kDa