

Product datasheet for **RR208348**

Rybp (NM_001107879) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rybp (NM_001107879) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Rybp

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RR208348 representing NM_001107879
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGAGGTGTACCTAGCAGCTGTCTTAGTTCTAGGGTTGCAGTACTGCATTTTAAACCCACACCGCC
 TGGGGAAGCAGTCCCGGTCTACTCTGATGTTGCAGTGGTGGATTTTGTGATCATGACCTGTTTGCTTCT
 CCCCTACCTCCAACCTCAAACCCTCACCTACCAATGTGGTCGTCAGTCTTCTTAGAACCTACTATGGT
 TCAGTTAATAACAAGGTAGTCCACCACATCCAGACC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208348 representing NM_001107879
 Red=Cloning site Green=Tags(s)

MPEVYLA AVLVLGLQYCFNPHRLGKQSRVYSDVAVVDFVIMTCLLLPLPPTSKPSPTNVVVSLLRTYYG
 SVNKQGSPPHIQT

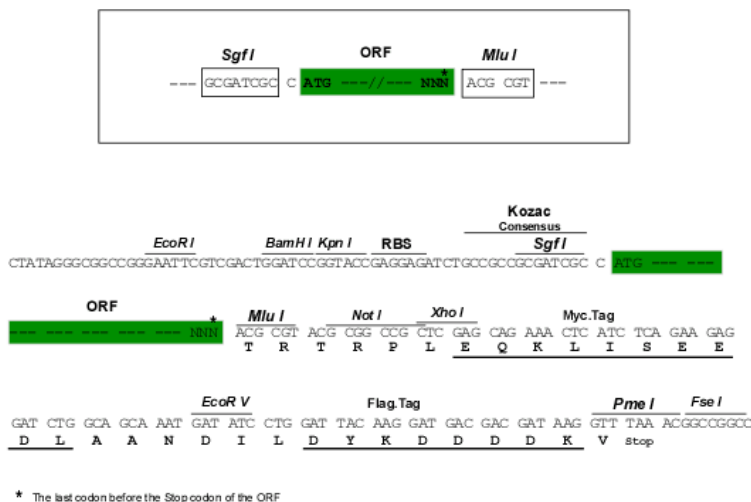
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI


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Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM 001107879

ORF Size: 249 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:

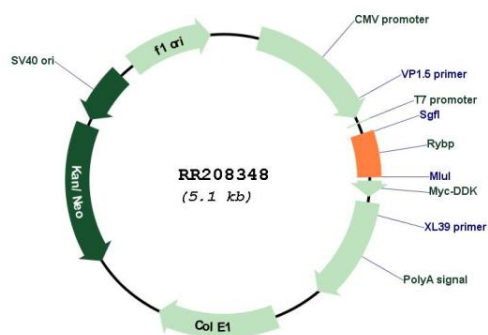
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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_001107879.1](#), [NP_001101349.1](#)

RefSeq Size: 4166 bp

RefSeq ORF: 252 bp
 Locus ID: 312603
 Cytogenetics: 4q34
 MW: 9.1 kDa

Product images:



Circular map for RR208348