

Product datasheet for MR200035

Ypel5 (BC025125) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ypel5 (BC025125) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ypel5
Synonyms: 2310076K21Rik; CGI-127
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200035 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCTCACTGGCCGCCACATGGTTCGAGATGTGAGCTGCAAAAAGTCAATAGCAAAGTGGGATGGATCT
 ATGAGTTTGCTACTGAAGACAGCCAGCGTTATAAGGAAGGCCGTGTGATCCTGGAACGTGCACTAGTTCC
 AGAGAGCGAAGGCTTTGAAGAGCATGTACCATCTGATAACTCT

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCAATCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200035 protein sequence
 Red=Cloning site Green=Tags(s)

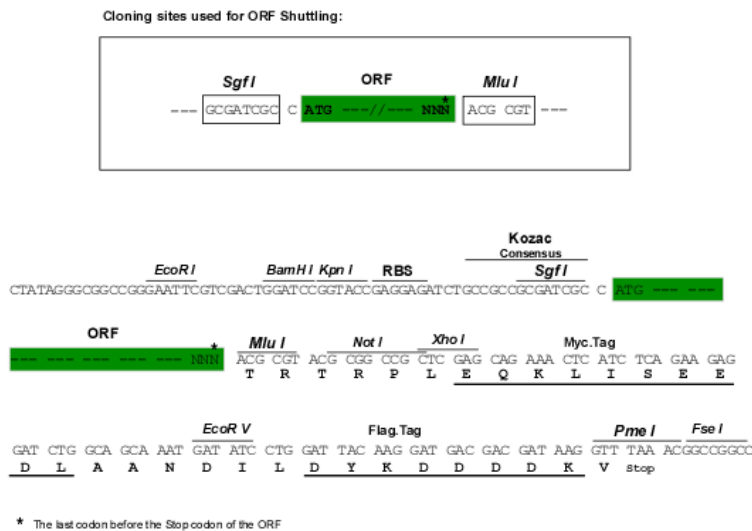
MLTGRHMVRDVSCKNCKNSKLGWIYEFATEDSQRYKEGRVILERALVRESEGFEEHVPSDNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: BC025125

ORF Size: 183 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.

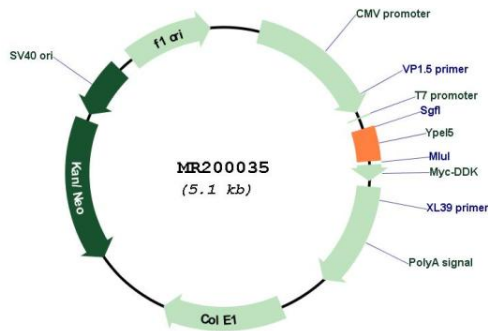
RefSeq: [BC025125](#), [AAH25125](#)

RefSeq Size: 976 bp

RefSeq ORF: 185 bp
 Locus ID: 383295
 Cytogenetics: 17 E1.3
 MW: 7.1 kDa

Gene Summary: Component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (By similarity). Required for normal cell proliferation (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200035