

Product datasheet for MG200035

Ypel5 (BC025125) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ypel5 (BC025125) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Ypel5

Synonyms: 2310076K21Rik; CGI-127

Mammalian Cell

Selection:

Vector:

pCMV6-AC-GFP (PS100010)

Neomycin

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG200035 representing BC025125

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

AGAGAGCGAAGGCTTTGAAGAGCATGTACCATCTGATAACTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200035 representing BC025125

Red=Cloning site Green=Tags(s)

MLTGRHMVRDVSCKNCNSKLGWIYEFATEDSQRYKEGRVILERALVRESEGFEEHVPSDNS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



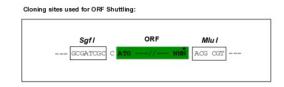
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

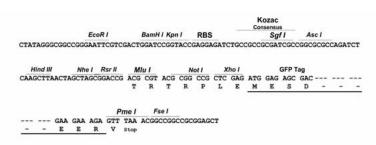
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

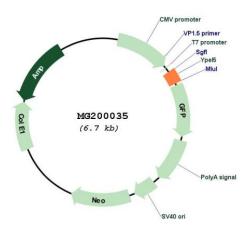


Cloning Scheme:





Plasmid Map:



ACCN: BC025125 **ORF Size:** 185 bp



Ypel5 (BC025125) Mouse Tagged ORF Clone - MG200035

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: <u>BC025125</u>, <u>AAH25125</u>

 RefSeq Size:
 976 bp

 RefSeq ORF:
 185 bp

 Locus ID:
 383295

 Cytogenetics:
 17 E1.3

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]