

Product datasheet for **MC207973**

Ypel5 (NM_027166) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ypel5 (NM_027166) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ypel5
Synonyms: 2310076K21Rik; CGI-127
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207973 representing NM_027166
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCAGAATCTTTCTTGACCATATCGGTGGTACCCGTCTGTTTTCTTGTGCAAACGTGATACAATCC
TGACCAATCGCTCAGAACTCATCTCTACTCGGTTACAGGCGCCACTGGTAGAGCATTTCTTTTAAACA
GGTAGTTAACTTGCAGTACAGTGAAGTTCAAGATCGGGTCATGCTCACTGGCCGCCACATGGTTCGAGAT
GTGAGCTGCAAAAAGTCAATAGCAAAGTGGGATGGATCTATGAGTTTGCTACTGAAGACAGCCAGCGTT
ATAAGGAAGGCCGTGTGATCCTGGAACGTGCAGTGTTCGAGAGAGTGAAGGCTTTGAAGAGCATGTACC
ATCTGATAACTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_027166

Insert Size: 366 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).



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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_027166.5](#), [NP_081442.1](#)

RefSeq Size: 2869 bp

RefSeq ORF: 366 bp

Locus ID: 383295

UniProt ID: [P62700](#)

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]