

Product datasheet for **RG225060**

YPEL5 (NM_001127400) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: YPEL5 (NM_001127400) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: YPEL5
Synonyms: CGI-127
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225060 representing NM_001127400
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAGAAATTTCTTGATCATATCGGTGGTACCCGTCTGTTTTCTTGTGCAAACGTGATACGATCC
 TGACCAACCGCTCAGAACTCATCTCCACTCGTTTCACAGGCGCCACTGGCAGAGCATTTCTTTTAAACA
 GGTAGTTAACCTGCAGTACAGTGAAGTTCAAGATCGGGTCATGCTCACTGGCCGCCACATGGTTCGAGAT
 GTGAGCTGCAAAAAGTCAATAGCAAACGGGATGGATCTATGAGTTGCCACTGAAGACAGCCAGCGAT
 ATAAGGAAGGCCGCGTGATCCTGGAACGTCTAGTTTCGAGAGAGTGAGGGCTTGAGGAGCATGTACC
 ATCTGATAACTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225060 representing NM_001127400
 Red=Cloning site Green=Tags(s)
 MGRIFLDHIGGTRLFSCANCDTILTNRSELISTRFTGATGRAFLFNKVVNLQYSEVQDRVMLTGRHMVRD
 VSCKNCNSKLGWIYEFATEDSQRYKEGRVILERALVRESEGFEEHVPSDNS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



[View online »](#)

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_001127400.2
RefSeq Size:	2578 bp
RefSeq ORF:	366 bp
Locus ID:	51646
UniProt ID:	P62699
Cytogenetics:	2p23.1
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 (PubMed:29911972). Required for normal cell proliferation (By similarity).[UniProtKB/Swiss-Prot Function]