

Product datasheet for SC114524

YPEL5 (NM_016061) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: YPEL5 (NM_016061) Human Untagged Clone
Tag: Tag Free
Symbol: YPEL5
Synonyms: CGI-127
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_016061 edited
 ATGGGCAGAATTTTCCTTGATCATATCGGTGGTACCCGCTCTGTTTTCTTGTGCAAACGTG
 GATACGATCCTGACCAACCGCTCAGAACTCATCTCCACTCGTTTCACAGGCGCCACTGGC
 AGAGCATTCTTTTTAACCAAGGTAGTTAACCTGCAGTACAGCGAAGTTCAAGATCGGGTC
 ATGCTCACTGGCCGCACATGGTTCGAGATGTGAGCTGCAAAAAGTCAATAGCAAAGT
 GGATGGATCTATGAGTTTGCCACTGAAGACAGCCAGCGATATAAGGAAGGCCGCGTGATC
 CTGGAACGTGCTCTAGTTCGAGAGAGTGAGGGCTTTGAGGAGCATGTACCATCTGATAAC
 TCTTGA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_016061 unedited
 GTTCGCATTTGTATACGACTCACTATAGCGGCCGCAATTCGCACGAGGGTGGCCGAGG
 GGTTTCATACCAGCTGAAGAGCGACAAGCCGCTGGCAGCCGCGGATCTCACCGCCGCTCA
 GGGTTTTTAGAATTCAGCCATAAAAAATGGGCAGAATTTTCCTTGATCATATCGGTGGTA
 CCCGCTGTTTTCTTGTGCAAACGTGATACGATCCTGACCAACCGCTCAGAACTCATCT
 CCACTCGTTTCACAGGCGCCACTGGCAGAGCATTCTTTTTAACCAAGGTAGTTAACCTGC
 AGTACAGCGAAGTTCAAGATCGGGTCATGCTCACTGGCCGCACATGGTTCGAGATGTGA
 GCTGCAAAAAGTCAATAGCAAAGTGGGATGGATCTATGAGTTTGCCACTGAAGACAGCC
 AGCGATATAAGGAAGGCCGCGTGATCCTGGAACGTGCTCTAGTTCGAGAGAGTGAGGGCT
 TTGAGGAGCATGTACCATCTGATAACTCTTGAAGATACAGAGAGAAATCCATCTTTTCCC
 AGGTCTCCTTCACTGAAAACAAAATCTACTTACATACACTGTACCTTAGCATCAGAGT
 CGGATTAATGAACTGCGGAACAAGAGGTTGTGAGAATCTAAGATGGAACCTTTCTTTCTT
 TCTTTCTTTNTTTTTAAATTTTGTATTTTCCATCCAACAGCAGTGTGTAAGAGAATATT
 ATGCAGATGCCGTTAATTTTTTACCCTATGTTTACATCTTGAGGCAGCAGAGTCTGTCTG
 CAGCTATGTGGTGAAGTATGTAAGGGAAAAATCTGGGCTGTTAAAGTAAAAAGTGTGTT
 CTATGTTTCATTGTAAAGGAAAAATGTTAGAGTATGGNTTTTAACCTTGGCTCCATTTAA
 ACTTTTTTTTTAAACCCAGTTAT

Restriction Sites: NotI-NotI



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ACCN:	NM_016061
Insert Size:	2680 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).
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:	<u>NM_016061.1</u> , <u>NP_057145.1</u>
RefSeq Size:	2183 bp
RefSeq ORF:	366 bp
Locus ID:	51646
UniProt ID:	<u>P62699</u>
Cytogenetics:	2p23.1
Domains:	Yippee
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) lacks two alternate exons, compared to variant 1. Variants 1, 2, 3, and 4 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>