

Product datasheet for SC322821

YPEL5 (NM_001127399) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YPEL5 (NM_001127399) Human Untagged Clone
Tag:	Tag Free
Symbol:	YPEL5
Synonyms:	CGI-127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322821 representing NM_001127399. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCAGAATTTTCTTGATCATATCGGTGGTACCCGTCGTTTTCTTGTGCAAACTGTGATACGATC
CTGACCAACCGCTCAGAACTCATCTCCACTCGTTTACAGGCGCCACTGGCAGAGCATTCTTTTAAAC
AAGGTAGTTAACCTGCAGTACAGTGAAGTTCAAGATCGGGTCATGCTCACTGGCCGCCACATGGTTCTGA
GATGTGAGCTGCAAAAAGTCAATAGCAAACTGGGATGGATCTATGAGTTTCCACTGAAGACAGCCAG
CGATATAAGGAAGGCCGCGTGATCCTGGAACGTCTAGTTTCGAGAGAGTGAGGGCTTTGAGGAGCAT
GTACCATCTGATAACTCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001127399
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA



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_001127399.1
RefSeq Size:	2342 bp
RefSeq ORF:	366 bp
Locus ID:	51646
UniProt ID:	P62699
Cytogenetics:	2p23.1
MW:	13.8 kDa
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 (3) uses an alternate splice site and lacks an exon in the 5' UTR, 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>