

## Product datasheet for **SC115277**

### YPEL1 (NM\_013313) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	YPEL1 (NM_013313) Human Untagged Clone
Tag:	Tag Free
Symbol:	YPEL1
Synonyms:	FKSG3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115277 sequence for NM_013313 edited (data generated by NextGen Sequencing) ATGGTGAAAATGACAAAGTCCAAAACCTTCCAAGCGTATCTGCCGAAGTGCACCGAACG TACAGCTGTATCCACTGCAGAGCACACCTGGCCAATCATGACGAGCTCATCTCCAAGTCC TTTCAGGGGAGCCAGGGACGCGCCTACCTCTTCAATTCCGTGGTGAACGTGGGCTGCGGC CCTGCAGAGGAGAGGGTCTTTCTCACCGGGCTGCATGCGGTTGCCGACATCTACTGCGAG AACTGCAAGACCACGCTCGGGTGGAAATACGAGCATGCCTTTGAGAGCAGTCAGAAATAT AAGGAAGGAAAATTCATCATTGAGCTTGCTCATATGATCAAAGACAATGGCTGGGAGTAA
	Clone variation with respect to NM_013313.3 199 c=>t



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_013313 unedited GGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGCGTCTGGG CCGGGCTACGGCTCCAAAACAAAGGCAGGCGGCCCGGGGGCGGGGAGGATGCCT CGCGCCCTGCCTAGGCGTTAACGGCCTCAGCGCGTCCCGGGCCGCGCGGGAACGCCTGA GAGCCGAGCCCGCTGACCGGGGCCGGGCGGATGGGCGTGCGGGCCGGGCGCGGA CCGCGGAGCGCGTTACGTTTTCTCTCGTCCCAGCTGTGTGGACAGTGCCACACGCC TCCTGGACAACGACGGCTTTGCGTGCATTTCCAGTGTGCTTTTGTCCAGAGAGCCAG CAGAGCCACGGTTCTTCCAGAACCAGCCCTGAGCTGAGTGAGGAGTGCCAGGAGATG GTGAAAATGACAAAGTCCAAAACTTTCCAGCGTATCTGCCGAAGTGCACCGAACGTAC AGCTGTATCCACTGCAGAGCACACCTGGCCAATCATGACGAGCTCATCTCCAAGTCTTT CAGGGGAGCCAGGACGCGCCTACCTCTTATTCCGTGGTGAACGTNGGCTGCGGCCCTG CAGAGGAGAGGTCTTTCTACGGGCTGCATGCGGTTGCCGACATCTACTGCGAGAAGTGN CAGACCACGCTCGGTGGGAATACCAGCATGCCTTTGAGAGCAGTCAGAAATATAAGGAA GGAAAATTCATCATTGAGCTTGCTCATATGATCAAAGACAATGGCTGGGAGGTATGTGGC GAACCTCCCTTTCTTTCAATGCTGGTTGGGAAAGAAATGTTGATTGTAATGGAAACG TAAGACCTCTGGTGACAGCCCTTTTGCCTTTTACCTCAAAGGCTTACTGCCCATAGT TCTTGAAGTCCCGCCCTTTTGTGGT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_013313
<b>Insert Size:</b>	4000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_013313.3</a> , <a href="#">NP_037445.1</a>
<b>RefSeq Size:</b>	4301 bp
<b>RefSeq ORF:</b>	360 bp
<b>Locus ID:</b>	29799
<b>UniProt ID:</b>	<a href="#">O60688</a>
<b>Cytogenetics:</b>	22q11.21-q11.22
<b>Domains:</b>	Yippee

**Gene Summary:**

This gene is located in the region associated with DiGeorge syndrome on chromosome 22. The encoded protein localizes to the centrosome and nucleolus and may play a role in the regulation of cell division. [provided by RefSeq, Feb 2015]

Transcript Variant: This variant (1) encodes the protein.