

Product datasheet for **SC101505**

YPEL3 (AK022409) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	YPEL3 (AK022409) Human Untagged Clone
Tag:	Tag Free
Symbol:	YPEL3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK022409, the custom clone sequence may differ by one or more nucleotides

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GCAGCGGCGGCAGCAGCTGGGCTCGGTGTAACAAGTCCAGGCGCCTGCGAACCCGGGCCCCGGGGGGAC
GGCGCCCCCAGGAGCGCCCCCACTCCAGGCCAGCCACCCGGCGGACCGGGCCCCGCGGCCCAGG
CGAGGTGAGGCCCGCGCCGTCAGGGCTCCACAGCAGACCGGGCTCCTCTTGACCGCGTCTCTCCTTT
GCCTCCTAGAGAATCTCGATGCTGGCCTGGAGCAGAACTGAGCTGGACCACTGGAGCCTCGGTGAGGGG
TCTGTACCCACCTGGGAAAGGCAGTGGGTGGCTGGGGCTATGTGGACAGGGAGGCCGGAGGTATCTAGA
ACTGCCATGTGGTGTCTGCAAGGCTCTGTCCAGCCAGGTTTCAACCGTACCTGTCACTCTGCCACCCCCG
CGCCCCAGGTGAGCCCCGAGTCCAGGTAAGGCTCCGCGATGCAGGTAAGAGCCCTGAGCGTAGAGGAG
GCCTTGGCGCCCCGAGGTGAGAGCCCTCCCTCCTAGGTGACCCTCAACCTTCACGGCGAGGCCTCTA
CCTCTCCAGGTGGGGACCTCTCCCCGATGAACCCCTAAACCACCACTGAACCCCACTGCTCTCCAG
ATGAGGTGCAAGGACCAACCACTGCCTACCCGCCATGCTCCCCGAACTGGGAACTGACAGCCACAGC
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CCGAGACGCTCTGGTCCCCGGAGAGGCTGCTGGCTCTGGGAAAGGAGAGAGCAGCCAGTGTGACAGA
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AGAATCTGAGTTGGTTGGTTGGTTTTTTTTTTTCACTCCAAACCTTGGTCACCAGCTTATATTGTCA
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CATAGTCCTCATTGCCACTGCTGCTGTCCAGGGTCTGATTTCACTACCCTGAGTCTCATTTCCTTATCTC
TCAGTGGAAGATAAAGCCACTGCCTAGCACCCAGGATTGTTACAGGGATCAGATTAGATGCTCAGGAAGA
TGCTCTTGGGACACTGCAAGGGACAGGATTCTTCAGGCGTCGCTTGGAAGTGTGGTGCCTCTGTGAGGTG
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TGTGTCTCTGGACAGGTGGCTTGGCCACTCTGGACCGCTACCAAATAAGAGCTGGCCGGCCAGGCACAG
TGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGTGGATCACAAGGTGAGGAGATTGAGA
CCATCTGGCTAACACGGTGAAACCCCATCTCTACCAAAAATAC
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK022409 unedited
 NTGTCAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACCAGGCGAGGCCT
 CCTACCTCCTCCAGGTGGGGGACCCTCTCCCGATGAACCCCTAAACCAACAGTGAACC
 CCACTGCTCTCCAGATGAGGTGCGAAGGACCAACAGTGCCTACCCGCCATGCTCCCC
 GAAACTGGGAAGTACAGCCAGCCCTCCAAAGCCCTTCTCCAGCTTCAGTGCCAG
 GTCAGCAAGGGTGAGGCCGAAGCAGGCGGTGACTCACCTGGGCACCTCCGAGCCTCA
 GTTTCCCATGGATGCAACCTGAGGCCTCTCACTGAGTCAAAACCGAGACGCCTCTGGT
 CCCCAGAGAGGTGCTGGCTCTGGGAAAGGAGAGAGCAGCCAGTGTGACAGAGCGAGT
 CCCCACGGCTCTGGGAGTGCCTCGCATGTGTGTGGCCAGGTCTGACAGCCACCTACT
 CCCTCCCGCGCAGGCACTGGGCTCCCTCTGCTCCCGTGGGCCGTCCCGCGTGGGGCC
 ACTGCCCCCGCCCCGCCATGGTGCGGATTTCAAAGCCCAAGACGTTTCAGGCCTACTT
 GGATGATTGTACCGGAGGTATAGCTGTGCCACTGCCGCGCTCACCTGGCCAACACGA
 CGACCTCATCNCAAGTCTTCCAGGGCAGTCAAGGGGCGTGCCTACCTTTCACTCAGT
 GGTGAACGTGGGCTGCGGCCAGCCGAGGAGCGGTGCTGCTGACCGGCCTCCATGCTGT
 CGNCGACATNCACTGCGAGAAGTGCAGACCACTNNTGGCTGNAATAATGTGAGTACCCA
 CTCTGACCCAGCTAGCCTTTGACCTGACCTTNCACACCTNCCCTGACAGCTGTACCTA
 TGNCTTTCAGATGCATAGCCGACTCAACAAGTAGNATCTGACACATCTCTTATCTGAC
 TGGCCAGGGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for AK022409 unedited
 NAAATGGGTTNAAAGGCGTTTCCGGGTTAGCACAAAAGCTCTCAATCTCCTGACCTTGTG
 ATTCACCCGCTCGGCTCCCAAAGTGTGGGATTACAGGTGTGAGCCACTGTGCCTGGC
 CGGCCAGCTCTTTATTTGGTAGAGGTCCAGAGTGGCCAAGCCACCTGTCCAGAGACACAC
 AGCCAATCTGTGGCAGGGTCAGCAGCGAGTTTCATGCAGGGCTGGCTGGCTGGCTGCTGCT
 GGGACATCCACCTCACAGAGGCACCAAGTTCGAAGCGACGCTGAAGAATCCTGTCCCT
 TGCAGTGTCCCAAGAGCATCTTCTGAGCATCTAATCTGATCCCTGTAAACATCTGGGT
 GCTAGGCAGTGGCTTTATCTTCCACTGAGAGATAAGGAAATGAGACTCAGGGTAGTGAA
 TCAGACCCTGGACAGCAGCAGTGGCAATGAGGACTATGGAAGGGAGGCTGGTGAACCA
 AGCTCCATGTTGTTGCAGAGTCTGGGGCAATTTTCTGATACTCTAAATGACAATATAAG
 CTGGTGACCAAGGTTTGGAGTGAAGGCAATTTTCTGATACTCTAAATGACAATATAAG
 CCTATTCTGTTACTTACCAGTTGGGTGATCTTGGGCAAGTTACCTAACATCTCTGGGCCT
 CCCTGTCTTCTTGTAGAGATAATAAGCTTCTACCTAAAGGATCACTGCAATGATTG
 AATGAGATAATAGACGCCAGGCACACCAAGTGGCAGGCACATAAACATTCCATAAATGG
 TGACTCTCGATATATCCTAACTCTTATGGGGATCCAAGTGCCTGGGAAAGAAAGGATG
 GGTTAAAGAGAAAGTTCAACACCCTTTGCAAGTGAAGAAAGAAATGTGGTCCGGAAG
 CCGACTGA

Restriction Sites:

NotI-NotI

ACCN:

AK022409

Insert Size:

2200 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:

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: [AK022409.1](#)

RefSeq Size: 2354 bp

RefSeq ORF: 2354 bp

Locus ID: 83719

Cytogenetics: 16p11.2

Domains: Yippee

Gene Summary: Involved in proliferation and apoptosis in myeloid precursor cells.[UniProtKB/Swiss-Prot Function]