

Product datasheet for **SC336624**

EYA3 (NM_001282561) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | EYA3 (NM_001282561) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | EYA3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >SC336624 representing NM_001282561.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

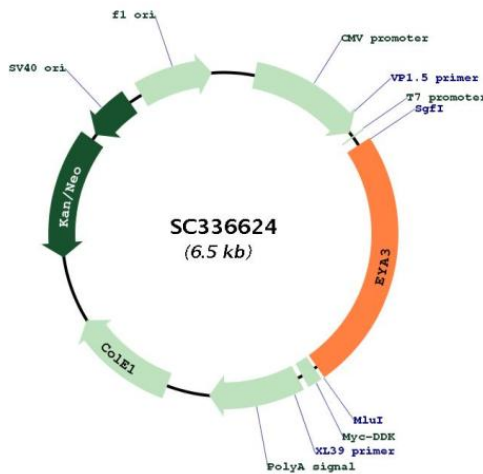
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGAAGAGCAAGATTTACCAGAGCAACCAGTGAAAAAAGCCAAGATGCAGGAATCAGGAGAGCAA
ACTATAAGTCAAGTAAGCAATCCAGATGTCAGTGATCAGAAGCCTGAAACATCAAGCCTTGCTTCAAAC
CTTCCCATGTGAGAGAAATTATGACATGCACCGATTACATCCCTCGCTCATCCAATGATTATACCTCA
CAAATGTATTCTGCAAAACCTTATGCACATATTCTCTCAGTTCCTGTTTCGGAAACTGCTTACCCTGGA
CAGACTCAATACCAGACACTACAGCAGACTCAACCCTATGCTGTCTACCCTCAGGCAACCCAAACGTAT
GGACTACCTCCTTTTGTCAAGCACAATGCCAGCCTGATATCTACTTCTTCTACAATTGCCAATATT
CCAGCAGCAGCAGTAGCCAGCATCTCAAACCAGGATTATCCACCTATACTATTCTTGGTCAGAATCAG
TACCAGGCCTGCTACCCAGCTCCAGCTTTGGAGTCACAGGTGAGCTAACAGTGCAGAGAGCACC
ACATTAGCAGCAACCACATACCAGTCGGAGAAGCCTAGTGTATGGCGCCTGCACCTGCAGCACAGAGA
CTTTCCTCTGGAGACCCTTCTACAAGTCCATCTTTGTCCAGACTACACCAAGTAAAGATACTGATGAT
CAGTCCAGGAAAAACATGACTAGCAAGAACCGGGCAAGAGGAAAGCTGATGCCACTTCTCCCAAGAC
AGTGAATTAGAACGGGTATTTCTGTGGGACTTGGATGAAACCATCATCATCTTCCACTCACTTCTTACT
GGATCCTATGCCAGAAATATGGAAGGACCCAACAGTAGTGATTGGCTCAGGTTTAAACAATGGAAGAA
ATGATTTTTGAAGTGGCTGATACTCATCTATTTTTCAATGACTTAGAGGAGTGTGACCAGGTACATGTG
GAAGATGTGGCTTCTGATGACAAATGGCCAAGACTTGAGCAACTACAGTTTCTCAACAGATGGTTTCAGT
GGCTCAGGAGGTAGTGGCAGCCATGGTTCATCTGTGGGTGTTGAGGAGGTGGACTGGATGAGGAAA
CTAGCTTCCGCTACCGAAAAGTGAGAGAAATCTATGATAAGCATAAAAGCAACGTGGGTGGTCTCCTC
AGTCCCCAGAGGAAGCAAGCAGTGCAGAGATTAAGAGCAGAAATGAAGTTTTAACAGATTCCTGGTTA
GGAAGTGCATTAAGTCCTTACTTCTCATCCAGTCCAGAAAGAATTGTGTGAATGTTCTGATCACTACC
ACCCAGCTGGTTCAGCCCTGGCCAAGGTTCTCCTATATGGACTAGGAGAAATATTTCTATTGAGAAC
ATCTATAGTGCTACCAAAATTGGTAAGGAGAGCTGCTTTGAGAGAATTGTGTCAAGGTTTGGAAAGAAA
GTCACATATGTAGTGATTGGAGATGGACGAGATGAAGAAATTGCAGCCAAACAGCACAACATGCCTTTC
TGGAGGATCACAACCATGGAGACCTAGTATCCCTTACCAGGCTTTAGAGCTTGATTTTCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001282561

| | |
|-------------------------------|---|
| Insert Size: | 1584 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: | NM_001282561.1 |
| RefSeq Size: | 5903 bp |
| RefSeq ORF: | 1584 bp |
| Locus ID: | 2140 |
| UniProt ID: | Q99504 |
| Cytogenetics: | 1p35.3 |
| Protein Families: | Phosphatase, Transcription Factors |
| MW: | 57.8 kDa |
| Gene Summary: | <p>This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may act as a transcriptional activator and have a role during development. It can act as a mediator of chemoresistance and cell survival in Ewing sarcoma cells, where this gene is up-regulated via a micro-RNA that binds to the 3' UTR of the transcript. A similar protein in mice acts as a transcriptional activator. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon in the central coding region, compared to variant 1, resulting in an isoform (c) that is shorter than isoform a.</p> <p>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> |