

## Product datasheet for **SC336894**

### YTHDF3 (NM\_001277813) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	YTHDF3 (NM_001277813) Human Untagged Clone
Tag:	Tag Free
Symbol:	YTHDF3
Synonyms:	DF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

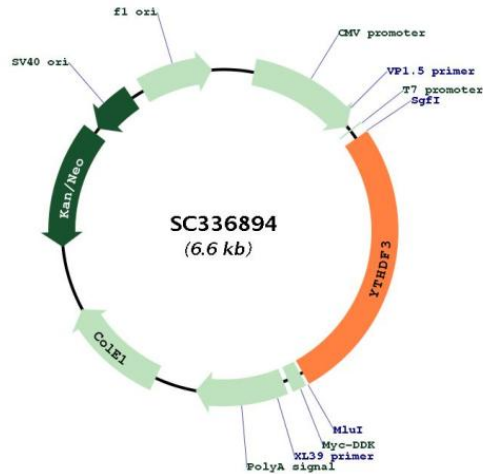


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Fully Sequenced ORF: >SC336894 representing NM\_001277813.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTCTATCTTGATTTGACTCTGTTTCATAGAGCAGAGGAAACAGGCGAAGAATCATTTCAGTACAA
AACGGTTCGATTCATCAAAAAGATGCTGTAATGATGATGATTTTGAGCCATACTTAAGTAGCCAGACA
AATCAGAGTAACAGCTATCCACCAATGTCAGATCCATACATGCCTAGTTACTATGCTCCATCCATTGGA
TTTCCATATTCTCTTGGGAAGCAGCGTGGTCCACAGCTGGAGACCAGCCTATGCCATATCTGACAACC
TATGGACAAATGAGTAATGGAGAACATCACTATATACCAGATGGTGTATTTAGTCAACCTGGGGCATTG
GGAAATACCCCTCCATTTCTTGGTCAACATGGATTTAACTTTTTCTGGTAATGCTGATTTCTCTACA
TGGGGGACAAGTGGATCTCAGGGACAATCAACACAAGTTCTGCTTATAGTAGCAGTTATGGCTATCCA
CCTAGTTCTCTTGGGAGAGCTATTACTGATGGACAGGCTGGATTTGGCAATGATACTTTGAGTAAGGTG
CCTGGCATTAGCAGTATTGAGCAAGGCATGACTGGACTGAAAATGGTGGTGACCTGACAGCTGCAGTG
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GTTAGCAGTGCAGCACCTAAACCAACCTCTGGGCTGCCATTGCCAGAAAGCCTGCCAAACCTCAACCG
AAACTTAAACCAAGGGCAATGTGGGAATTGGGGTTCTGCTGTACCACCACCTCTATAAAACACAAC
ATGAATATTGGAACCTGGGATGAAAAAGGGTCAGTGGTAAAGGCTCCACCAACCCAAACGATTTGCCT
CCTCAAATAAATCCAGCAGCCTCAGCCATTAATTCAACCACCACCTGGTGCAGCAAGCCAACTGCCT
CAACAGCAGCCTCAACCACCACAACCACAGCAGCAACAAGGACCTCAGCCACAGGCCAGCCTCACCAA
GTGCAGCCTCAACAGCAGCAGCTGCAGAATCGTGGTAGCTCCTCGTAACAGGGGAGCAGGCTTCAAC
CAGAACAATGGAGCGGGCAGTAAAACTTTGGTTTAGGTGTTGTACCTGTCAGTGCTTACCTTCTAGT
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AATCTGAAGAATGGACGTGTGTTTATAATTAAGCTACTCTGAGGATGACATACATCGTTCCATTAATA
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TCTGTTGTGGACTATAATGCGTATGCTGGTGTCTGGTCTCAGGATAAGTGGAAAGGCCAAATTTGAAGTT
AAATGGATCTTTGTCAAAGATGTTCCCAATAACCAATTACGGCATATTCGCTTAGAAAAAATGACAAC
AAACCGGTTACCAATTCAAGGGACTCAAGAGGTACCCCTAGAAAAAGCTAAGCAAGTGCTTAAAAATA
ATTGCTACTTTCAAGCATACCACCTCAATCTTTGATGACTTTGCACATTATGAAAAGCGTCAAGAAGAG
GAGGAAGCCATGCGTAGGGAGAGAAATAGAAACAACAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001277813

**Insert Size:** 1767 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:** [NM\\_001277813.1](#)

**RefSeq Size:** 5317 bp

**RefSeq ORF:** 1767 bp

**Locus ID:** 253943

**UniProt ID:** [Q7Z739](#)

**Cytogenetics:** 8q12.3

**MW:** 64.5 kDa

**Gene Summary:**

This gene encodes a member of the YTH (YT521-B homology) domain protein family. The YTH domain is common in eukaryotes, is often found in the middle of the protein sequence, and may function in binding to RNA. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Apr 2013]

Transcript Variant: This variant (2) differs in its 5' UTR and 5' coding region, and uses an alternate start codon, compared to variant 1. The encoded isoform (b) has a longer and distinct N-terminus, compared to isoform a. Both variants 2 and 3 encode the same isoform.