

## Product datasheet for **SC100822**

### **YTHDF3 (NM\_152758) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	YTHDF3 (NM_152758) 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)



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_152758, the custom clone sequence may differ by one or more nucleotides

```
ATGTCAGCCACTAGCGTGGATCAGAGACCTAAAGGGCAAGGAAATAAAGTTTCAGTACAAAACGGTTCGA
TTCATCAAAAAGATGCTGTAATGATGATGATTTTGAGCCACTTAAGTAGCCAGACAAATCAGAGTAA
CAGCTATCCACCAATGTCAGATCCATACATGCCTAGTTACTATGCTCCATCCATTGGATTTCCATATTCT
CTTGGGAAGCAGCGTGGTCCACAGCTGGAGACCAGCCTATGCCATATCTGACAACCTATGGACAAATGA
GTAATGGAGAACATCACTATATACCAGATGGTGTATTTAGTCAACCTGGGGCATTAGGAAATACCCCTCC
ATTTCTTGGTCAACATGGATTTAACTTTTTTCTGGTAATGCTGATTTCTCTACATGGGGGACAAGTGGA
TCTCAGGGACAATCAACACAAAGTTCTGCTTATAGTAGCAGTTATGGCTATCCACCTAGTTCTCTTGGGA
GAGCTATTACTGATGGACAGGCTGGATTTGGCAATGATACTTTGAGTAAGGTGCCTGGCATTAGCAGTAT
TGAGCAAGGCATGACTGGACTGAAAATTTGGTGGTACCTGACAGCTGCAGTGACAAAACTGTAGGTACA
GCTTTGAGCAGCAGTGGTATGACTAGCATTGCAACCAATAGTGTGCCCCAGTTAGCAGTGCAGCACCTA
AACCAACCTCCTGGGCTGCCATTGCCAGAAAGCCTGCCAAACCTCAACCGAAACTTAAACCAAGGGCAA
TGTGGGAATTGGGGTTCTGCTGTACCACCACCTCCTATAAAAACACAACATGAATATTGGAACCTGGGAT
GAAAAAGGGTCAGTGGTAAAGGCTCCACCAACCAACCAAGTTCTGCCTCCTCAAACCTATAATCCAGCAGC
CTCAGCCATTAATTCAACCACCACCATTGGTGCAAGGCAACTGCCTCAACAGCAGCCTCAACCACCACA
ACCACAGCAGCAACAAGGACCTCAGCCACAGGCCAGCCTCACCAAGTGCAGCCTCAACAGCAGCAGCTG
CAGAATCGCTGGGTAGCTCCTCGTAACAGGGGAGCAGGCTTCAACCAGAACAAATGGAGCGGGCAGTGAAA
ACTTTGGTTTAGGTGTTGACCTGTCAGTGCTTACCTTCTAGTGTAGAAGTGCATCCCCTGCTGGAAAA
GCTAAAGGCCATAAACTATAATCCCAAGACTTTGATTGGAATCTGAAGAATGGACGTGTGTTTATA
ATTAAGGCTACTCTGAGGATGACATACATCGTTCCATTAAACTCTATCTGGTGTAGTACTGAGCATG
GTAATAAGCGTTTGGATGCAGCTTACCGTTCCCTGAATGGGAAAGGCCACTCTATTTACTCTTCAGTGT
GAATGGCAGTGGACATTTTTGTGGAGTGCTGAAATGAAGTCTGTTGTGGACTATAATGCGTATGCTGGT
GTCTGGTCTCAGGATAAGTGGAAGGGCAAATTTGAAGTTAAATGGATCTTTGTCAAAGATGTTCCCAATA
ACCAATTACGGCATATTCGCTTAGAAAATAATGACAACAAACCGTTACCAATTCAGGGGACTCAAGA
GGTACCCCTAGAAAAAGCTAAGCAAGTCTTAAAATAATTGCTACTTTCAAGCATACCACCTCAATCTTT
GATGACTTTGCACATTATGAAAAGCGTCAAGAAGAGGAGGAAGCCATGCGTAGGGAGAGAAATAGAAACA
ACAATAA
```

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1760\\_c12.zip](https://cdn.origene.com/chromatograms/ja1760_c12.zip)

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_152758

**Insert Size:** 4700 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_152758.3](#), [NP\\_689971.3](#)

**RefSeq Size:** 5171 bp

**RefSeq ORF:** 1758 bp

**Locus ID:** 253943

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

**Cytogenetics:** 8q12.3

**Domains:** YTH

**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 (1) encodes isoform a.