

Product datasheet for **RN210470**

Ythdf1 (NM_001024756) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ythdf1 (NM_001024756) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ythdf1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN210470 representing NM_001024756
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCCACCAGCGTGGACCCAGAGAACAAAAGGACAAGAGAATAAAGTACAAAATGGTTCCTTTGC
 ATCAGAAGGATGCAGTTCATGACAATGACTTTGAGCCCTACCTTTCTGGACAGTCCAATCCGAGTAACAG
 TTACCCCTCGATGAGTGATCCTTACCTGTCAGCTACTACCCACCATCCATTGGATTTCCTTACTCCCTC
 AGCGAGGCACCATGGTCCACTGCAGGGGACCCTCCCATCCCGTATCTCACTACCTATGGACAACCTTAGTA
 ATGGAGACCATCACTTTCATGCACGATGCTGTTTTGGGCAACCTGGGGTCTGGGGAACAACATTTACCA
 GCACAGGTTTAAATTTTTCCCTGAAAACCTGCATTCTCAGCATGGGGGACAAGTGGTTCAGGGGCGAG
 CAGACTCAGAGCTCAGCCTATGGGAGCAGTTACACTTACCCACCAAGCTCCCTTGGTGGCACAGTTGTTG
 ATGGGCAGACAGGTTTTACAGTGACACCCTCAACAAGGCCCTGGGATGAACAGTCTGGAGCAGGGCAT
 GGTGGCCTGAAGATTGGAGATTTACCACCTCTGCAGTTAAAACAGTGGTTTCAGTTGCAACAGTGTG
 GCACTGACTGGTGTCTTTCTGGCAATGGTGGGACAAATGTAAACATGCCAGTTTCAAAAACCAACTTCAT
 GGGCAGCCATTGCCAGCAAGCCTGCAAAAACCACAGCCTAAGATGAAAACGAAGAGTGGGCCGATAGTAGG
 GGGTACGCTGCCTCCTCCACCTATAAAGCATAACATGGACATTGGTACTTGGGATAACAAGGGCCCTGCT
 CCGAAGGCCTCAGCCCCCAGCAGACACCATCCCCCAGGCTGCTCCACAGCCACAGCAGGTAGCTCAGC
 CTCTCCCTGTTACGCCCCACCTTTGGTCCAGCCACAGTATCAGAGCCCTCAGCAGCCACTTCAACCCCG
 CTGGGTGGCTCCTCGAAACAGAAATGCAGCATTGGGCAGAGTGGAGGGGCAACAGTGACAGTAACTCT
 GTTGGAAGTGTCTCAGCCTACTTCTGCCCAAGTGTAGAATCCCACCCTGTCTGGAGAACTGAAAGCTG
 CCCACAGCTATAACCCCTAAAGAGTTCGACTGGAATCTTAAGAGTGGCGGGTGTTCATCAAGAGCTA
 TTCTGAGGACGACATCCACCGCTCCATCAAGTACTCCATCTGGTGTAGTACTGAACATGGCAACAAGCGC
 CTGGATGGCGCCTTCCGCTCCATGAGCAGCAAGGGGCCTGTTTATCTGCTCTTCAGTGTCAATGGGAGTG
 GACATTTCTGTGGGTGGCAGAAATGAAGTCCCCTGTGGACTACGGCACCAGTGTGGGGTCTGGTCTCA
 GGACAAGTGAAGGGGAAGTTTGTGATGTGAAGTGGATTTTGTCAAGGATGTGCCAATAATCAACTGCGG
 CACATCAGACTGGAGAATAACGACAACAAGCCTGTACAACTCCCGTGACACGCAGGAGGTGCCCTTAG
 AAAAAGCAAAACAAGTGTGAAGATTATGCTCCTATAAGCACACAACCTCCATCTTTGACGACTTTTC
 TCATTATGAGAAGCGCCAGGAGGAAGAGGAGGTAGTGCGAAGGAAAGGCAGAATCGAAACAAACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024756
- Insert Size:** 1680 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_001024756.1](#), [NP_001019927.1](#)

RefSeq Size: 3104 bp

RefSeq ORF: 1680 bp

Locus ID: 296467

Cytogenetics: 3q43