

## Product datasheet for **RN208974**

### **Ythdf2 (NM\_001047099) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ythdf2 (NM_001047099) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ythdf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208974 representing NM\_001047099  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGGCCAGCAGCCTCTTGGAGCAGAGACAAAAGGTCAAGGAAACAAAGTACAAAATGGTTCTGTGC  
 ATCAAAAGGATGGTCTAAATGATGATGATTTTTCGAACCTTACTTGAGCCACAGGCCAAGGCCGAATAATGC  
 ATATACTGCCATGTCAGACTCCTACTTACCAGTTACTACAGCCCTCTATTGGCTTTTCTATTCTTTG  
 GGTGAAGCTGCTTGGTCTACTGGAGGTGACACAGCCATGCCCTATCTAACTTCTTATGGACAACAGCA  
 ACGGAGAGCCCCACTTTTACCAGATGCAATGTTTGGCAACCAGGAGCCCTAGGTAGCACTCCATTTCT  
 TGGTCAGCATGGTTTTAATTTTTTCCCAGTGGGATTGACTTCTCAGCATGGGAAATAACAGTTCTCAG  
 GGACAGTCTACTCAAAGCTCTGGATATAGTAGCAATTATGCTTATGCACCCAGCTCCTTAGTGGAGCCA  
 TGATTGATGGACAGTCAGCTTTTCCAATGAGACCCTCAATAAAGCTCCTGGCATGAATACTATAGACCA  
 AGGGATGGCAGCACTGAAACTAGGTAGCACAGAAGTTGCGAGCAGTGTTCCCAAAGTTGAGGCTCTGCT  
 GTTGGTAGTGGTCCATCACTAGTAACATTGTGGCTTCTAGCAGTTTGCCTCCAGCTACTATTGCTCCTC  
 CAAAACAGCATCTTGGGCTGATATTGCTAGCAAACCTGCAAAACAACAACCTAAGCTGAAGACCAAGAA  
 TGGCATTGCGAGTCAAGTCTTCCACCGCCCCAATAAAGCATAACATGGATATTGGAACCTGGGATAAC  
 AAGGGTCTGTGGCAAAAGCCCCCTCACAGGCTTTGGTTCAAAATATAGGTGAGCCAACCCAGGGATCTC  
 CTCAGCCTGTAGGACAGCAGGCCAATAATAGCCACCAGTACTCAGACATCAGTAGGGCAACAGACACA  
 GCCATTGCCTCCACCTCCACCACAGCTGCTCAGCTCTCAGTCCAGCAGCAGGCAGCTCAGCCAACCTGC  
 TGGGTAGCACCTCGGAACCGTGGCAGTGGGTTCGGTCATAATGGGGTGGATGGTAATGGAGTAGGACAGT  
 CTCAGGCGGGTTCTGGATCTACTCCTTCCAGAGCCTCACCCAGTGTGGAGAAACTTCGGTCCATTAATA  
 CTATAACCCCTAAAGATTTGACTGGAATCTGAAACACGGCCGGGTTTTTCATCATTAAAGAGCTACTCTGAG  
 GACGATATCCACCGTTCCATTAAGTATAATATCTGGTGCAGCACAGAGCATGGTAACAAGAGACTGGATG  
 CCGCCTATCGTTCATGAACGGGAAGGGTCCCCTGTACTTACTTTTTCAGTGTCAACGGCAGTGGACACTT  
 CTGTGGAGTTGCAGAGATGAAATCTGCTGTGGACTACAACACATGTGCAGGTGTGTGGTCCAGGACAAA  
 TGGAAAGGGTCTTTTTGACGTGAGATGGATTTTGTGAAGGACGTTCCCAATAGCCAACCTGCGACACATTC  
 GTCTAGAGAACAACGAGAATAAACCAGTGACCAACTCTAGGGACACTCAGGAAGTGCCTCTGAAAAAAGC  
 TAAGCAGGTGTTGAAAAATCATAGCCAGCTACAAGCACACCACTTCCATTTTTGATGACTTCTCACACTAT  
 GAGAAACGCCAAGAGGAAGAAGAAAGTTTAAAAAGGAACGTCAAGGCCGTGGGAAATAAAAAGCGGTTCT  
 GCATAGACTGCAGCAACGGTTGCGTCTGCTTATCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001047099
- Insert Size:** 1788 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\\_001047099.1](#), [NP\\_001040564.1](#)

**RefSeq Size:** 2776 bp

**RefSeq ORF:** 1788 bp

**Locus ID:** 313053

**Cytogenetics:** 5q36