

Product datasheet for **RN202609**

Ythdf3 (NM_001108546) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ythdf3 (NM_001108546) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ythdf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202609 representing NM_001108546
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGCCACTAGCGTGGATCAGAGACCTAAAGGGCAAGGAAATAAAGTTTCAGTACAAAATGGTTCGA
 TTCATCAAAAAGATGCTGTAAATGATGATGATTTTGAGCCATACTTAAGTAGCCAGACAAAATCAGAATAA
 CAGCTATCCACCAATGTCAGATCCATATATGCCTAGTTACTATGCTCCATCCATTGGATTCCATATTCT
 CTTGGGGAAGCAGCATGGTCCACGGCTGGAGATCAGCCCATGCCATATCTGACAACCTATGGACAAATGA
 GTAATGGAGAACATCATTACATACCAGATGGTGTTTTTAGTCAACCAGGGGCATTAGGAAATACCCCTCC
 ATTTCTTGGTCAACATGGATTTAACTTTTTCTGGTAATGCTGATTTCTCTACATGGGGAACAAGTGA
 TCTCAGGACAATCAACACAAAATCTGCTTATAGTAGCAGTTACGGCTATCCACCTAGTTCTCTGGGA
 GAGCTATTACTGATGGACAGGCCGATTGGCAATGATACTTTGAGTAAGTGCCTGGCATTAGTAGTAT
 TGAGCAAGGCATGACTGGACTGAAAATTTGGTGGTACCTGACAGCTGCAGTGACAAAACTGTAGGTACA
 GCCTTGAGCAGCAGTGGTATGACTAGCATTGCAACCAATAATGTGCCCCCTGTTAGCAGTGACGACCTA
 AACCAACTTCTTGGGCTGCTATTGCCAGAAAGCCTGCAAAAACCTCAACCGAAACTTAAACCAAGGGCAG
 TGTGGGAATTGGGGTCTGCTGTGCCACCACCTCCTATAAAAACAATATGAATATTGGAACCTGGGAT
 GAAAAGGGTCACTGGTAAAGGCTCCACCAACCAACCAAGTTCGCTCCTCAAATAATCCAGCAGC
 CTCAGCCATTAATTCAACCACCACCTGGTGCAGGCAAGCAAGTGCCTCAACAGCAGCCTCAGCCACCACA
 ACCACAGCAGCAACAAGGACCTCAGCCACAGGCCAGCCTCACCAGTGCAGTCTCAACAGCCACAGTTG
 CAGAATCGTTGGTAGCTCCTCGAATAGGGGAACCGCTTCAACCAGAACAATGGAACAGGCAGTGAAA
 ACTTTGGTTTAGGTGTTGTACCTGTTAGTCTCACCTTCTAGTGTAGAGGTGCATCCAGTCTGGAAAA
 ACTAAAGGCCATAAACAATTATAATCCCAAGACTTTGATTGGAACCTGAAGAATGGACGTGTGTTATA
 ATTAAGAGCTATTCTGAGGATGATATACACCGTCCATCAAGTACTCTATCTGGTGTAGTACTGAGCATG
 GTAATAAGCGTTTGGATGCAGCTTACCCTCCCTGAATGGGAAAGGCCACTCTATTTGCTCTTCAGTGT
 GAATGGCAGTGGACATTTTGTGGAGTGGCTGAAATGAAGTCTGTTGTAGACTATAATGCTTATGCTGGT
 GTTTGGTCTCAGGATAAATGGAAGGGCAAATTTGAAGTAAATGGATCTTTGTCAAAGATGTTCCCAATA
 ACCAATTACGACATATTCGTTAGAAAATAATGACAACAAACCAGTAACCAATTCAGAGACTCAAGA
 AGTACCCCTAGAAAAAGCAAAGCAAGTGTAAAATAATTGCTACTTTCAAGCACACCACCTCAATCTTT
 GATGACTTTGCACATTATGAAAAGCGTCAAGAGGAGGAGGAAGCCATGCGAAGGGAGAGAAATAGAAACA
 AGCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108546
- Insert Size:** 1758 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_001108546.1](#), [NP_001102016.1](#)

RefSeq Size: 4150 bp

RefSeq ORF: 1758 bp

Locus ID: 361920

Cytogenetics: 2q24