

Product datasheet for **SC216572**

YTHDC2 (NM_022828) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	YTHDC2 (NM_022828) Human 3' UTR Clone
Symbol:	YTHDC2
Synonyms:	CAHL; hYTHDC2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022828
Insert Size:	1840 bp



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Insert Sequence: >SC216572 3'UTR clone of NM_022828
The sequence shown below is from the reference sequence of NM_022828. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCTTGGGAGAAAAAACACAACCTGATTGACTCAGAACTCTTAGCTGTGAAGAACATCATGCCTAT
TTATAACCACTGAATGCACTGACTTTCAAAACTGAGGTGGGGTGTGTGTACGAATGGGCTTTTAAAC
ACTTTTAGAGTGTGCTTTAGAACTACCATCTTCATATACAGGAGAAAGGAAGCATTAAATTTTATA
GTGATTATAGAGAATGATTATATGATGTTGTAATGAATAAAATAGTAGTTTCATTATTTGGCACAATA
GCAGTTTATTTTAAACAAACAATTTGAAGTTAAACATTTCAATTTTAAAAACACTGAATTACAGTTCTT
ATTGATGACTTTTAAATGCAGAGTAAGTTGTTTAAAGAAAGGCCTGAATATATCAGAACATCTGAGCACC
ATTTTAGAAGAGTCAACTCTTAAGATTATCATTAGAAAACAAATACGTCAACACCTATGAAAAGAAGCG
GGGAAAACAACAAGGACAACAACAAAAACCAGTGAAATTCTACAAGTGCCCTTTTAAAAATAGT
GTGTGCTAACTAAGGGCTATTCTCTGCCATTTTAACTTGAGACACATTTAAGAATAAAGTTGGATG
TTCTTTTCTGTGATTATGAAATGCAATAAAATCTGAATAAAGGGCAAGTTTCTTCTGATCAGATTA
GATTAAGTGCTTAGTTTATTCCTAATCTGCCCTTTTAACTGATGTGTACCTTACTCTTCTCTCCC
TCTCTTCTCCCTTCTCCTCTCTCCCGCTCCTTCTGCTATTTCTCCCTCCCTCTTCCCTCGTCACAT
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AAGACATACCTGTAATTAACCTATTTGAATTATATCCACTGTATGTGATTATGGCTCTTTCTCTA
TTAGAGCAACTTGTTTCCCTGATAATGTGTACATTTTATAGCATGTACTTAATAGTTCACAATGTT
CTAAATTTGGAAGGACTTAAAAAAAACCTTGTTTAAATTTCCATCTGTTTGTAAATATCTAGCTCTAT
ATGTAAATGATGGGTTTGTGTTGTTTAAATGAATACAACCTGAATGAATTAAGTGCTGTTTTTTG
GAAGCGATAAACTTTAAATATACTTATTTAAATGAAATTTCTATTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_022828.5](#)

Summary:	This gene encodes a member of the DEAH (Asp-Glu-Ala-His) subfamily of proteins, part of the DEAD (Asp-Glu-Ala-Asp) box family of RNA helicases. The encoded protein binds to N6-methyladenosine, a common modified RNA nucleotide that is enriched in the stop codons and 3' UTRs of eukaryotic messenger RNAs. Binding of proteins to this modified nucleotide may regulate mRNA translation and stability. This gene may be associated with susceptibility to pancreatic cancer in human patients, and knockdown of this gene resulted in reduced proliferation in a human liver cancer cell line. [provided by RefSeq, Sep 2016]
Locus ID:	64848
MW:	71.5