

Product datasheet for **SC210318**

HEATR2 (DNAAF5) (NM_017802) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: HEATR2

Synonyms: CILD18; HEATR2

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_017802

Insert Size: 852 bp

Insert Sequence: >SC210318 3'UTR clone of NM_017802
The sequence shown below is from the reference sequence of NM_017802. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CATGTGCAGGCCGTGCCAGCCACACAGTACCACGCTGGTTTCAGCCACGGCACACCCTTGTCCTCCACC
TGAGCCAGAGTTTGTGGCCTTTAAATCTCATAAACAAGGCACCTCTGTGCCAGCAGTGAGACTGTGACA
GCAAGAATGTACTCCTCAGGACACCTGCCCACTCTTCCCTGGAATAACAGCCTCTGAGTGGATTCTGC
ATGTTATGTGATTTGTTCTGTTTCATCGAGAGGGCTCCCAAACATCTGCAGCTGATTTGAAATTAAGT
AAGTCGCAGCCGCTCCTCCCGAGCCACTTCAGCAGCATCTTAGATTTTAAGCCTCACGTGCGCAGCTG
GTTTCATGAATATTGGCTGCATCCTGCTTAGGTGCCACCAAGAAGGTTTTACCTACTTAACAAAAA
GAAAGAAGCCAAAGTGATTAGAAAGAAATGAAATCTCTTTTGGGTTCTGTCTACTGAAATTTAATATC
TCAGTGAACAGACTAAAAGGAATTTAGAATCCTAACAATTATCAGATTTCTCCTGTTTTAAATATACT
GGGACTTTAAAGGTTATATGTCCGGTCACCGTATGTTTAAAGTCGGTGTTAATGCTAACAGTGTTGAAA
ACAATATTTTCATGAGATCTAATTGTGGTTGCCCTATAGGTAGCAGGAAAGTAAAGTTGCATTTCCTC
TCGCACATTCTACCCCAAGTGCCTAAAAGATCTATTGTAAGTGGGTAGTGTTACCGGAAGCCATTGT
GTTTCACAGGGGGAATGCCGTATATTTTCAACAAATATTAACGTTTATACTTTTCATGTTTGAAAA
TTTAATTAATAATGTTTGTGTTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_017802.4</u>
Summary:	The protein encoded by this gene is essential for the preassembly or stability of axonemal dynein arms, and is found only in organisms with motile cilia and flagella. Mutations in this gene are associated with primary ciliary dyskinesia-18, a disorder characterized by abnormalities of motile cilia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2013]
Locus ID:	54919
MW:	31.9