

Product datasheet for **SC204012**

FHIT (NM_001166243) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FHIT (NM_001166243) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FHIT
Synonyms:	AP3Aase; FRA3B
ACCN:	NM_001166243
Insert Size:	2000 bp



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Insert Sequence: >SC204012 3'UTR clone of NM_001166243
 The sequence shown below is from the reference sequence of NM_001166243. 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
GCCGCGAGCTCTGCGGGTCTACTTTCAGTGACACAGATCCTGAATCCAGCAAAGAGCTATTGCCAACCC
AGTTTGAAGACCGCCCGCCCTCTCCCAAGAGGAACTGAATCAGCATGAAAATGCAGTTTCTTCATC
TCACCATCCTGTATTCTCAACCAGTGATCCCCACCTCGGTCACTCCAACCTCCCTAAAAATACCTAGA
CCTAAACGGCTCAGACAGGCAGATTTGAGGTTTCCCCTGTCTCCTTATTCGGCAGCCTTATGATTA
CTTCTTCTCTGCTGCAACCCTGTGCTCGGTGATTGACTTGCCATGAATTAGGCAACAAACCTATTA
CAGTTACAGTTACTTTTTAAAGGAAATCAATCGTTGGATTGGTCCACCTGCTATTTCTCCCTTTT
CAAAAAAATGTCTACATATTGAATTTTTATACATTAAGTGGTTCATGAAACCCCTGAAATGTGTTAGT
AAATAGGGCAATTATGAAATATTTGGACATAGCTAGACTTTAAAAATTGTTAATCTGAAGGTCAGATAG
ACTTGGCCTTCTCCAGCTTTCGTGATTATCCCTCAGCAGCAAGCTAGTCTTAGGCAGAGCAAGTTAA
AGACATTCATGGTGTCACTCTGCAAACTGCACAATTCTCAACATGCACAGAGGCGAGACATGATAGGG
CTCAGCCCTGGAATTGATAACACTAGCCAAACACTTGCTAAGAAATTTATAAGATGTAGACCCTGTTAT
TATCCTGTCTTGAAGTGATGAGAAAATAAGGCTTAAGGATGTTAAGTATTATTAGTTCAAGGCCAAC
GGTAAGTGGCAAAGCTCAGATTTGAATCCAGGCAGTCCCACCCTAAAGGCCATTCTTAGTCTGTGTA
CTGCCCTCCTTGCTAAAAGAGCTCACCTCTAGCCACTTCTTCTCCCTGTCCCATCTCCCCTGTAC
CCTCCAAATAGTCTTCTAGCCTTTCACCTTATCTACTGGCCTATTTCTGCCTTGAGGACCTCCCACC
TCACACTACAGCCAGGTAGCAGAAACCAAAATGGGCTGGATTTCCCAACCAACTTGGTTCTACTTGC
AAGATTCTCAGATCATGTGAATCCTGCCTAGGCTACCCTCCCACCTTTCTTTTCTTACCATCTGACCA
CATGCCTAAATAAACATCACTTGGGCGAATACAGTGTTCCCAAAATTGCATTCTCCATTTTGTGTCAT
GATTTTTCTTATCTTTGTGGACCACCTAGAGCATTATTTACTTGATTCACTTTTTGAATTTAGTATAT
ATATCTTAACTTTATATTTAGCCTCAAAGAAAAACAAGTACTACCTGTAATTAGAAGTTAAGCATAA
AAATAACATAAGAGAAAAACAATGCTGATGATTCCAGCTCTGCATAGTTGCTTGCTTAGCAACTAG
GAGTGAGATTGAGTCTGTGTTAAAAAGTGGGCTAGCCACCATTAGAGGGGCATTTAATTCTAGCAC
CAAACCGAACTCTCCATTTGGCATATTCAGAAGGATTAAGAGAATAACCTACTGAGAGATTCAATGT
AGATCACTTAAGATTATCTTAAACAGGAATATGACTGACTCCCAACTTTGGAGAAACAGCAGTGGAGGC
CAGATCTTAAACCCAGAGCAAGCTGGCTTTAGACTTGCTTCAACCCTAAACCAAGTACTCCTTTCCACCC
ACCCACCTCCCCCAACCCTGCAGGCATATCAAGAAGACAAGGTGCATGGGGGAAAACCAAGAGTCA
GCTTCCCTAGGGCTGATGGGTCAAATCTCAGTGCTTGCTCTGACATTTTGTGCTGCGGACAGTCTGTCT
TGAAAACCAACAGGTTGCAAAGAAGATGTGAACACCTATATCCAGAGATGCCCTATATAAGAATAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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.

RefSeq: [NM_001166243.3](#)

Summary: The protein encoded by this gene is a P1-P3-bis(5'-adenosyl) triphosphate hydrolase involved in purine metabolism. This gene encompasses the common fragile site FRA3B on chromosome 3, where carcinogen-induced damage can lead to translocations and aberrant transcripts. In fact, aberrant transcripts from this gene have been found in about half of all esophageal, stomach, and colon carcinomas. The encoded protein is also a tumor suppressor, as loss of its activity results in replication stress and DNA damage. [provided by RefSeq, Aug 2017]

Locus ID: 2272

MW: 75