

Product datasheet for **SC214232**

CYP4F3 (NM_000896) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CYP4F3 (NM_000896) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CYP4F3
Synonyms:	CPF3; CYP4F; CYP4F3; LTB4H
ACCN:	NM_000896
Insert Size:	2000 bp



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Insert Sequence:

>SC214232 3'UTR clone of NM_000896

The sequence shown below is from the reference sequence of NM_000896. 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
CTTTGGCTGCGGGTGGAGCCCCTGAGCTGAGTTCTGCAGAGACCCACTCTGACCCCACTAAAATGACCC
CTGATTTCATCAAAAGTGAGGCCTAGAATTACCCTAAGACCCTGTTCCACAGTCCTGTATTCCATCCTAG
ATATCTACTCAAAATAATTGAGACAAGTGTCAAACAGAAAGACGCTTGTGCGTGAATGTTTCATGGCAG
CCCTATTCACAGTAGCCAAACGATGAAAACAACCCCAAGCTATATATTACCAGATGAAAGGATAAACAA
AATATGGTCCATCCATACAATGGAGTATTACACAGCCATAAAAAGGAATGAAGCAGTGATCCCACTAC
ACTGTGGATGAACCTTGAATGCATGATACTGAATGAAAGACATCAGATGCAAAAGTGCATAGTGTAC
TGTCCTTTTATATGAAATTTCCAGAACAGGCCAATCTGAAGAGATGTATAGTGGATTGGTGGCTTTCAG
CAGCTGTGGGAGGTGGGACTGAGGAGCGACTGCTAATCAGGATGGGGTTTCTCTGGGATGGTGAAG
ATGTTCCGGACCTAGATAGTGTGAAGGTAGCAGGACACTGTGAGTGCACCTAAATGCTATTGAATTGGA
CACTTTAGAATGGTTGAAATAGTGATTTTTATGTGAATTTACCTAAACATGCTATTACAGCTCATATA
TACTTTTTCCATCTGGATTCTTCACAAAAGAATATGTTGTGAGCATCTTCCATGATTTAAATCATCT
TAGGAAACATTATTTGTGTTCTTCAAAATGTGCATGTTAAGTATTCAAATCAGTCTTAAATTTTTAAA
AATATGTAATTTAGAAAATAATTTAAAGTTTTGTTTCAGTTTGAAGATTTCTTTTCTGGCACTTT
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AACAGGCATGCCCTGCAAACTCCACAGACTGACTGTTTTTTGTCCTATTAAGAAGTAGACCACTGAGA
AGGGAGAAGGTGACATTTTAGCTTTCCAGGTAAGTGGTTTTTCATCCTCACCAATTTTATGGACT
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CAGAGGCCATGACTTTTCTACCACAGAAGTAATTTTCAAAGTAAGTCTCTGCCCTAGGCACATCAGAT
CACCTGGGACCCTCCAGAGTGAGTAGACAAGACTTTGACAGGGGTGCCTAATTTTTTTTTTTTTTTTGG
AGATGGAGTCTCGCTCTGTTGCCAGGCTGGAGTGCAGTGGCATGATCTCAGTTCAGTCAACCTCCGC
CTCCTGCGTTCAAGTGATTGCTCTCAGCCTCCCAAGTAGCTGGGATTACAGGCACCCACCACCAC
ATCCAGCTAATTGTTGATTTTTAATAGAGGCGGGTTTTCGCCATGTTGCACTGGCTGGTGTGAATC
CTAACCTCAGGTGATCCACCCGCTCGGCTCCCAAAGTCTGGGATTACAGGCCGGTCCAGTTTGAT
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CTTAGGCTCCCCTCTCTACTAAAATACAAAAGTTAGCTGGTCATGGTGGTGGGGCTGTAAATCCCAGC
TACTCGGGAGGCTGATGCGGGAGAATCACTTGAACCCACAGGCGGAGGTTGAGTGAGCTGAGGTGGT
GCCACTACGCTCCAGCCTGGGGGAGGGGACATAGCGGAGACTCGGTCTCAAAAACAAAACAAAACAAA
CAAAACAAAACAAAACAAAACAAAACAAAACAAAACACTGCCAAACTGTTTCCAAGCATCTGCATC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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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_000896.3](#)

Summary:

This gene, CYP4F3, encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F8, is approximately 18 kb away. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Apr 2019]

Locus ID:

4051

MW:

76.2