

Product datasheet for **SC209844**

FLT3 (NM_004119) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: FLT3 (NM_004119) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: FLT3
Synonyms: CD135; FLK-2; FLK2; STK1
ACCN: NM_004119
Insert Size: 808 bp
Insert Sequence: >SC209844 3'UTR clone of NM_004119

The sequence shown below is from the reference sequence of NM_004119. 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
TCTCCG CAGGCTCAGGTCGAAGATTCTAGAGGAACAATTTAGTTTTAAGGACTTCATCCCTCCACCTA
TCCCTAACAGGCTGTAGATTACCAAAACAAGATTAATTTCACTACTAAAAGAAAATCTATTATCAACTG
CTGCTTACCAGACTTTTCTCTAGAAGCTGTCTGCGTTTTACTCTTGTTTTCAAAGGGACTTTTGTAAAA
TCAAATCATCCTGTACAAAGGCAGGAGGAGCTGATAATGAACTTTATTGGAGCATTGATCTGCATCCAA
GGCCTTCTCAGGCTGGCTTGAGTGAATTGTGTACCTGAAGTACAGTATATTCTTGTAATACATAAAAC
AAAAGCATTGCTAAGGAGAAGCTAATATGATTTTTTAAGTCTATGTTTTAAAATAATATGTAATTT
TTCAGCTATTTAGTGATATTTTTATGGGTGGGAATAAAATTTCTACTACAGAATTGCCCATTTGAA
TTATTTACATGGTATAATTAGGGCAAGTCTTAAGTGGAGTTCACGAACCCCTGAAATTGTGCACCCAT
AGCCACCTACACATTCCTCCAGAGCACGTGTGCTTTTACCCCAAGATAACAAGGAATGTGTAGGCAGCT
ATGGTTGTACAGCCTAAGATTTCTGCAACAACAGGGGTTGTATTGGGGGAAGTTTATAATGAATAGGT
GTTCTACCATAAAGAGTAATACATCACCTAGACACTTTGGCGGCCTTCCAGACTCAGGGCCAGTCAGA
AGTAACATGGAGGATTAGTATTTTCAATAAAGTTACTCTTGTCGCCACA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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:	<u>NM_004119.3</u>
Summary:	This gene encodes a class III receptor tyrosine kinase that regulates hematopoiesis. This receptor is activated by binding of the fms-related tyrosine kinase 3 ligand to the extracellular domain, which induces homodimer formation in the plasma membrane leading to autophosphorylation of the receptor. The activated receptor kinase subsequently phosphorylates and activates multiple cytoplasmic effector molecules in pathways involved in apoptosis, proliferation, and differentiation of hematopoietic cells in bone marrow. Mutations that result in the constitutive activation of this receptor result in acute myeloid leukemia and acute lymphoblastic leukemia. [provided by RefSeq, Jan 2015]
Locus ID:	2322
MW:	30.7