

## Product datasheet for **RN217404**

### **Flt3 (NM\_001100822) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Flt3 (NM_001100822) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Flt3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN217404 representing NM\_001100822  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCGGGCGTTGGCGCGGCAGCGACCGCTGCCGCTGCTTGTGTTTTGTCAGTAATGATTCTCGAGA  
 CCGTTACAAACCAAGATCTGCCTGTGATCAAGTGTGTTTTAATCATTGATCAAGAACAATGGCTCGCGGC  
 GGGAAAGTCATCGTCGCACGTCATGGTTCCAGAATCCCCAGAGGACCTCCGGTGTGCCCCGAAGCATCGG  
 AGTGAAGGGTGGTCTATGAAGCTGCTACTGTGGAGGTGGCCAGTCTGCGTCTTCACATTGCAAGTAC  
 AGCTCACCACCCCGGGGATGTTTCTTGCCTCTGGGTCTTTAAGCACAGCTCGCTGGGCTGCCAGCCACA  
 CTTTGATTTACAGAACAGAAGAATTGTTTCCATGACCATCTTGAACGTTACAGAGACCCAGGCAGGAGAA  
 TACCTACTCCATATTCAGAGTGAAGCCACCAACACACGGTGTGTTACAGTGAATGTAAGAGATACAC  
 AGCTGTACGTGCTAAGAAGACCTTCTTTCAGAAAGATGGAGAACCAGGACGCCCTGCTCTGCGTCTCTGA  
 GGGTGTCCAGAGCCACCGTGGAGTGGTGGTCTGCAGTTCACAGGGACAGCTGTAGAGAAGAAGGC  
 TCTGCCGTTGTCAAAAAGGAGGAAAAGGTAATTCACGAGCTATTTGAAACAGACATCAGATGCTGTGCGA  
 GAAATGCACTGGGCCGAGAATGCACCAAGCTGTTACCATAGATCTAAACCAGGCTCCTCAGAGCACACT  
 GCCCCAGTTATTTCTGAAAGTGGGGAGCCCTTGTGGATAAGGTGCAAGGCCATCCATGTGAACCATGGA  
 TTCGGGCTCACCTGGGAGCTGGGAAACAAAGTCTGGAGGAGGCGAGCTACTTTGAGATGAGTTCCTACT  
 CCACCAACAGATCCATGATCCGGATTCTTGGCTTTTGTGCTCTGTGGGAAGGAACAACACCCGGATA  
 TTACACCTGTTCTTCTCAAAGCATCCCAGCCAGACAGCGTTGGTGACCATCCTAGAAAAAGGTTTCATA  
 AATGCTACCAGCTCACAAGAAGAGTATGAAATGACCCGTATGAAAAGTCTGCTTCTCGGTGAGTTTA  
 AAGCGTACCCACAAATCCGATGCAAGTGGACCTTCTCTCAAACATCGTTTCTTGTGAACAAAGTGGCT  
 GGAGGATGGGTACAGCATTTCTAAATTTTGCATCATAAGAACAACCCAGGAGAATACATATTTCCATGGA  
 GAAAATGATGACGCCAGTTCACCAAAATGTTCACTGAATATAAGAAGGAAACCTCAAGTGTAGCAA  
 ATGCCCTCAGCCAGCCAGGCATCCTGTTTCTGATGGCTACCCGTTACCCAACCTGGACCTGGAAGAAGTG  
 TTCGGACAAGTACCCAACCTGCACGGAGGAAATCCCAGAAGGAGTTTGAATAAAAAGGCTAACAGAAAA  
 GTGTTTGGACAGTGGGTGTCGAGCAGTACCCTGAATATGAGTGAGGCCGGGAGAGGGTTTCTGGTCAAT  
 GCTGTGCATACAATTCTATGGGCAGTCTTGCAGAACCATCCTTTTAAACTCACCAGGCCCTTCTCTTT  
 CATCCAAGACAACATCTCCTTCTATGCAACCATCGGGCTTTCGCCGCTTTCATTGTCGCTCCTACTGTG  
 CTGATCTGTACAAAATACAAAAGCAATTTAGGTACGAAAGCCAGCTGCAGATGATCCAAGTGACCGGCC  
 CCTGGATAACGAGTACTTCTACATTGACTTCAGGGACTACGAATATGACCTCAAGTGGGAGTTTCCAAG  
 GGAAAACCTTAGAGTTTGGGAAGGTCTGGGGTCCGGCGCTTTTGGGAGAGTGATGAATGCCACGGCTAC  
 GGGATTAGTAAAACAGGAGTCTCAATTCAGGTGGCGGTGAAGATGCTAAAAGAGAAAAGCTGACAGATGTG  
 AAAGAGAGGGCGCTCATGGCTGAGCTCAAATGATGACCCACCTGGGGCACCATGACAACATCGTGAACCT  
 GCTGGGGCATGCACACTGTGAGGGCCAGTGTACTTGATTTTTGAATATTGTTGCCATGGTGACCTGCTC  
 AACTACCTAAGAAGCAAAAAGAGAAAAGTTTACAGGACGTGGACAGAGATTTTTAAGGAACATAATTTCA  
 GTTTTTACCCACCTTCCAGTCAATTCAACTCCAGTATGCCGGTTTACGAGAAGTTTCCAGATATACCC  
 GCCCGTGGATCAGTCTCAGGGTTCAATGGGAATTCATTCATTCTGAAGTAAATATTGAGTATGAAAAC  
 CAGAAGAGGCTGGAAGAAGAGGAGGAAGAAGATTTGAACGTGCTGACGTTTGAAGACCTCCTTTGTTTTG  
 CGTATCAAGTGGCCAAGGCATGGAGTTCCTGGAGTTCAGTCTGTGTTTACAGAGACCTGGCAGCCAG  
 GAACGTAAGTCAACCCAGGGAAGGTGGTGAAGATCTGTGACTTTGGACTGGCCGAGACATCCTGAGT  
 GACTCCAGCTACGTCGTGAGGGCAACGCACGGCTGCCAGTGAAGTGGATGGCACCTGAGAGCTTGTG  
 AAGGGATCTATAAATCAAGAGTACGCTGCTGCTACGGCATCCTTCTCTGGGAGATATTTTTCATTGGG  
 TGTGAACCCTTACCCCGTATTCTGTCGATGCTAACTTCTATAAACTGATTGAGTGGATTTAAATG  
 GAGCAGCCGTTCTATGCTACGGAAGAGATATACTTTGTAATGCAATCCTGCTGGGCTTTTACTCAAGGA  
 AGCGGCCATCCTTCCCAATCTGACGTATTTTTAGGCTGTGAGCTCGCAGAGGCAAGCAGCGATGTA  
 TCAGAACATGGGCGCGATGTCCCACTGGAGCACCCAGCCATCTACAAAACAGGCGGCCTGCCAGCAGA  
 GAGGCAGGCTCAGAGCCGCCATACCACAGGTTTCAAGGAAAGACTCACAGAGAAAGAAGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001100822
<b>Insert Size:</b>	3003 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001100822.2</a></u> , <u><a href="#">NP_001094292.1</a></u>
<b>RefSeq Size:</b>	3667 bp
<b>RefSeq ORF:</b>	3003 bp
<b>Locus ID:</b>	140635
<b>Cytogenetics:</b>	12p11
<b>Gene Summary:</b>	putative tyrosine kinase; quantitative trait loci candidate gene for type II Collagen induced arthritis [RGD, Feb 2006]