

Product datasheet for **RN207134**

Filip1 (NM_145682) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Filip1 (NM_145682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Filip1
Synonyms:	Filip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207134 representing NM_145682 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGATCACGAAATCAAGGTGGAGAAAGTTTCATCTAACGGGCATGTCTCCTGCCCAAGTCTCCATCA
TCAGCAGTGATGGTGGTAAGGGCCCTCAGAAGATGCAAAAAAGAACAGGCCAATCGGAAGGAGGAGGA
TGTCATGGCTCCGGAATATCAAAAGGCACCTCAAACCATCTGGAGAAAGTGAGAAAAAGACTAAGAAG
TCTGTGGAGTTATCCAAGGAGGACCTCATCCAGCTCCTGAGTATCATGGAAGGGGAGTTGCAGGCTCGAG
AAGATGTCATCCACATGCTGAGGACAGAGAAAACCAAGCCGAGGTTCTGGAGGCACACTATGGATCTGC
AGAACCTGAGAAAGTGCTTCGGGTCTGCACCGAGATGCCATCCTTGCTCAAGAGAAGTCCATAGGAGAA
GACGTCTATGAGAAACCTATCTCAGAGCTGGACAGACTGGAGGAAAAGCAGAAGGAGACGTACCGCCGCA
TGCTAGAGCAGCTGCTGCTGGCTGAGAAGTGTCACAGGCGCACCGTGTACGAGCTGGAGAACGAGAAGCA
CAAGCACACTGACTACATGAACAAGAGCGACGACTTCACCAACCTGCTGGAGCAGGAGCGAGAGAGGTTG
AAAAAGCTCCTTGAACAAGAAAAAGCTTACCAAGCCGCAAGAAAAAGGAAAACGCTAAGCGGCTCAACA
AACTTCGAGATGAGCTTGTGAAGCTCAAGTCCTTCGCCCTCATGTTGGTGGACGAGAGGCAGATGCACAT
CGAGCAACTGGGCTGCAGAGTCAGAAAGTCCAGGACCTCACTCAGAAGCTGAGGGAGGAGGAAGAAAAA
CTCAAAGCGGTCACTTACAAATCCAAGGAAGACCGCCAGAAGCTGCTCAAGTTAGAAGTGGACTTCGAAC
ACAAGGCCTCGAGGTTTTCCAGGAGCACGAAGAGATGAACGCCAAATTGGCGAATCAAGAATCTCACAA
CCGGCAACTTCGACTCAAACCTGGTTGGCTTATCGCAAAGGATTGAGGAGCTGGAAGAGACCAATAAAAGC
CTTCAGAAGGCAGAGGAAGAGCTCCAGGAGCTGAGAGAGAAAATTGCCAAAGGGGAATGTGGAACTCCA
GTCTCATGGCGGAAGTGAGAGTCTGCGCAAGCGCTGCTTGAGATGGAGGGCAAGGATGAAGAGATCAC
GAAGACCGAGGCCAGTGCCGGGAGCTGAAGAAGAAGCTCCAAGAGGAAGAACACCACAGCAAGGAACCT
AGACTAGAAGTGAGAGCTGCAGAAGAGGATGTCTGAGCTGGAGAAGCTGGAGGAAGCGTTTCAGCCGGA
GTAAGTCGGAATGCACCCAGCTCCATCTGAACCTGGAGAAGGAGAAGAACTAACCAAGACCTGCTGAA
CGAGCTGGAGGTGGTCAAGAGTCGAGTTAAAGAACTCGAATGCTCCGAGAGTAGACTGGAGAAGGCCGAG



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TTAAGCCTCAAAGATGACCTTACAAAGCTGAAGTCCTTCACTGTGATGCTGGTGGATGAGAGGAAAAATA
TGATGGAGAAAATAAGCAAGAAGAGAGGAAAGTGGATGGGTTGAATAAAAACTTTAAGGTGGAGCAGGG
AAAAGTCATGGATGTGACGGAAGGCTAATCGAGGAAAGCAAGAAGCTTTTAAACTCAAATCTGAAATG
GAGGAAAAGGAGTACAGTCTGACAAAGGAGAGGGATGAGCTGATGGGTAAACTGAGGAGCGAAGAAGAAA
GGTCCTGTGAAGTACAGTGTGACAAAGGAGAGGGATGAGCTGATGGGTAAACTGAGGAGCGAAGAAGAAA
GGAATAAACCGAGGTAGGTCTGCAAGGGGTCTGAGTTCACCTGCCCGAAGACAATAAGATCAGAGAA
CTAACGCTTGAATCGAGAGACTGAAGAAACGGCTCCAGCAGTTGGAGGTGGTGGAGGGGACTTGATGA
AGACCGAGGACGAATATGACCAGTTGGAGCAGAAGTTTCAGAACCGAGCAGGATAAGGCAAACTTCCTCTC
CCAGCAGCTCGAGGAAATCAAACACCAATGGCCAAGCACAAGCCATAGAGAAAGGGGAGGCCGTGAGC
CAGGAAGCCGAAGTGCACACAGGTTTCGGCTGGAGGAGGCTAAAAGTCGTGATTACAGGCCGAGGTGC
AGGCTCTCAAGGAGAAGATCCACGAGCTGATGAACAAGGAAGACCAGCTGTCTCAGCTCCAAGTCGACTA
TTCGGTCTTCAGCAAAGATTTATGGAAGAAGAACTAAGAACAAGAACATGGGGAGGGAGGTCTCAAT
CTGACCAAGGAGTAGAGCTTTCAGCGCTACAGCCGAGCTCTCAGGCCGAGTGGGAACGGCCGAAGGA
TGGTGGAGCTGCCTGTGGCTCCACTGGGTGCAGACCGAGCGGTGTGCGGGGATGCTGCGGAGGAGGA
GACCCCGCTGTGTTTATTTCGAAATCCTTCAGGAGGAAAATCAGTATGAGTAATCTTCGACAGGTA
GGCCTGAAGAAACCCATGGAACGGTCTCGGTCTCGACAGGTATCCCCAGCAGCGAATGAGCTACCA
TGAGGAAGTCTTGATTCTTGATGAGAAAAAGAGAAAACGGTCTTCCACTCCGAGGAGAAAGGGCC
CAGGCCAAACAGGGTGCAGGGCACCCCGGGAGCTGGTCTAGCACAAAGCAGGGCCAGCCCCACAC
ATCCGTGTGACACCAGATCATGAGAACAGCACTGCCACCCTGGAGATCACAAGCCCCACATCTGAAGAGT
TTTTCTCTAGTACCACGTCATTCTACCTTAGGCAACCAGAAACCAAGAATAACCATTATTCCATCACC
CAATGTCTATGCGAAAAGCCAAAAGTGCAGATCCTACTCTCGGCCAGAACGAGCCATGTCCCCTGTC
ACGATTACTACTATTTCCAGAGAGAAGAGCCGGAAGGTGGAAGGAGCGCCTTTGCCGACAGGCCTGCAT
CCCCATCCAAATCATGACGGTGTCAACATCTGCAGTCCCACTGAAATCGCTGTCTCTCTGAATCTCA
GGAAGTGCCTATGGGAAGGACTATCCTCAAAGTCACCCCGAAAAACAACTGTTCCAGCCCCCGTGGC
AAGTACAACCTCAATGCTAATATCATCACACGGAAGACAATAAAATTCACATTACCTGGGTTCTCAGT
TTAAGCGATCTCTGGGCTGCCGTGAAGGCGTGAGCCAGTTATCACCGTCCGGCCTGTCAACGTGAC
AGCGGAGAAGGAGGTTTCTACAGGCACAGTCTTCTGCTCTCCAGGAACCACTCTCTTCAAGACCCGGT
GCTAGCAAAGTGACCAGCACTATAACTATAACCCCGGTACAACGTATCCACACGAGGAACCAATCAG
TGTCAGGACAAGATGGGTATCTCAGCGGCTACCCCAACCGCATTCTATGTCAAAGGTATGAAAGC
TGGAAGCCAGTAGTGGCAGCTCAGGAGCAGGAAATCTGACCAATTCCAGCCTCGAGCTGAGACTCAG
TCTATGAAATAGAGCTGAAGAAATCTGCAGCCAGCAGCACTGCCTCTCTTGAGGGGGGAGGGCTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_145682

Insert Size:

3639 bp

OTI Disclaimer:

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).

Components:

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).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_145682.1, NP_663715.1</u>
RefSeq Size:	4364 bp
RefSeq ORF:	3639 bp
Locus ID:	246776
UniProt ID:	<u>Q8K4T4</u>
Cytogenetics:	8q31
Gene Summary:	controls the start of neocortical cell migration from the ventricular zone through Filamin A F-actin axis [RGD, Feb 2006]