

Product datasheet for **RN217324**

Nfxl1 (NM_001170438) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfxl1 (NM_001170438) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfxl1
Synonyms:	RGD1359201
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217324 representing NM_001170438
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACGCTTCTGGCGCCAGGTGGCCGCTGGCCGAGGCCGAGCCGAGGAAGGGGTACCGCAGTGCCCC
 TCTCAGGAAATGGAGTCCCTCTTAGCGGCGCAGGGGGAGGGCGAGCCAAAGGGTCTGGGGCGCGGTGCC
 CTCGGCCCCCGCCCGAGGAGAGCAGCAACTCCGGGCCCTGCGGGTCACAAGCAGCGCTCTGCTGGAGGC
 GAAGCCCCGAGCCCTGTGGTTCGCGGTGAGGATGGCTCAGAGCTAATATCTCAGAGGAAATTTGAGG
 AGATCAAGAAGGCCAATCAAGCTGCAGCCAGAAAGCTCGTGGAGGAACACTGCAGCTTCTCTGAAGA
 AGAAGAAGGGGATGAAGACTTTGAAGGAAAACAGGGGAAAATTGTTGCTAATACATTATAACATACACC
 ACTCACACAGATGGAGATGTACATGAATGGAGAAAACAAAACAGTATCTGAATGAGGCTTTCCAAGCAG
 GGGCTATGACGTGCCTGATTTGATTGCTTCAGTGAAGAGAAACCAGGCAGTTTGGAGCTGTTCCAGGATG
 TTTCTGTATATCCACATGCCCTGTATTAGAAGTGGGCTAAGGACAGCCAGTTTCTGTATCTTCTGTG
 ACAGACGATGATTTTGGAAAGAAAGATTATCCCTGGCCATGTCCAAAATGTAGATTTGAATACAAAAGGT
 CGGAAACACCTAGTCGATATTATTGCTACTGTGAAAAAGTAGAAGACCCACCTTTAGATCCCTGGCTTGT
 TCCTCATTCGTGTGGCAAGTGTGTGAGAGAGAATTTAAACCTTCTGTGGTCATAAATGTCTACTACTC
 TGCCATCCAGGTCCCTGCCCTCCTGTCCAAAGATGGTCACAACTACTTGTACTGTAAAGAAAGCAAAAC
 CTATCCCTCGTAGGTGCAGTGCCAAGCAGTGGTCTGTGAGTGCATGTGGGCGAAAGCTGCTTTGTGG
 GCAGCATTCGTGTGAAAATCCTTGCCATGCAGGAAACTGTGAGCCTTGTCCAAGAGTTAGTAGACAAAA
 TGTGTATGTGGCAAAAAGTAGCAGAAAAGAGTTGTGCGAGTCCAGTGTGGCACTGTGACCAAGTATGTA
 GAAAGCACTGCCGTGTGGTAATCATACATGTGAGCAAGTTTGTGATGTTGGTGTGGGAGATGTCC
 TCGCTCTGGGAAGAGGTCTTGTCCCTGTGAGAAATCAAAGTTTTCTTTGCCTGTACAGAAGATGTACCA
 ACTTGTGGAGACAGCTGTGACAAAATACTGAATGTGGAATCCACAGGTGTTACAGCGTTGCCATCGAG
 GTCCTTGTGAAACGTGCAGACAAGAAGTGGAAAAGCAGTGTGTTGTGAAAAACATACAAAGCGAATGCC
 TTGTACAAAGACTTACCTTTGTGAAACGAAGTGTGAAAAATGCGGGACTGTCAAAGCATCAGTGTAGG
 AGAAAGTGTGCCCTGGAAACTGTCCACCTTGTGATCAAATTTGGACGGACTTTAGGATGTAGAAACC
 ATAAGTGTCCGTCTGTCTGCCACAGAGGCAGTGTATCCATGCCAGAAACGGTAGATGTGAAGTGCAA
 CTGTGGTAACGCAAGGTGACAGTACCCTGTGGCCGAGAGCGGACTACAAGGCCACCTAAGTGCAAAGAG
 CTGTGCAGTCGACCACCAACATGTCATCATTCAAGTCAAGAAAAACCCGCTGTCACTTTGGCCATGCC
 CACCATGTATCAGCCTTGCCAAAAGTTCTGGAGAAATGTGGGCACTTGTGTCCATTTTATGTATGA
 TCAAGCATTAGTAAAGCAGACCCGCGCAGGCATCAGCTGTGAGGCCCTTGGGAGCAGCCAGCCGAGCCAGCG
 TTTATTACAGACTGCGTTGCCCTTGTCTCCGTGTCAAGTCCCATTCTGTGGAATGTCTGGGGAAGCATG
 AGGTAAGCCCACTACCATGCCATGTCTGAGGACCTATTCATGCAAGAGACTTTGTGGAAGAATGTTGAA
 CTGTGAGAATCATACGTGTACGAAAGAATGCCACAAAGTACTGAAAGTTGATGGCTGTCTGGCAGACAT
 AAGGCTGGCCAGAATGCCTTCAAGTGTGAAGAAGGGTGTCTAAGTCACGGCCTGCAGGTTGTCTCACC
 CTTGTGTTTTGCCATGTACCCCTGGAAAATGCCCTCCTTGTGTCCAGATGCTTAGAATAAAATGTCACTG
 CAAGATCACAAACCTGTATGTGGAATGTAGAAAAATAACCACAGCTGATGTGAGTGAAGAAGAACCTCCTC
 AGTTGTTGCAAAAACAGTGCSCCAAAGAGCTTCTTGTGGCCATAGATGCAAAGAGATGTGTATCCTGTG
 GTGAATGCCCTATAATTGCAACCAAGAAGTAAAACCTTAGATGCCCTTGTAAAAGAATAAAACGGGAATT
 GCCTTGAATAAAATCCGTGGGAATCAGGTTTCAAGTGGAAATGCGATGCGGCGTGAAGGAGATGAAGCGG
 AAAGCATCTGAGATTAAGAAGCGGAAGCCAACGCTGCTCTGGAAGAAGAAAAGCAAGGCAGCAGGCTG
 AGCTGGAGGCTTTTGAAGCAGACTGAAGGGCCGGCGGAAGAAGAACAGGAAACGCGATGAAGTGGCCGT
 GCAGCTCTCGCCTTGGCAGAAGTACAAGTCTACCTCTTCCGGTGTGTGGAGTTGTTGGTGGCGGTGCTT
 GTGTGGTACATCTGCCATCATGCGGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001170438
Insert Size:	2760 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none"> 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_001170438.2, NP_001163909.1</u>
RefSeq Size:	3783 bp
RefSeq ORF:	2760 bp
Locus ID:	289595
Cytogenetics:	14p11