

Product datasheet for **SC100764**

NFXL1 (NM_152995) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NFXL1 (NM_152995) Human Untagged Clone
Tag:	Tag Free
Symbol:	NFXL1
Synonyms:	CDZFP; HOZFP; OZFP; URCC5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_152995, the custom clone sequence may differ by one or more nucleotides

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ATGGAAGCTTCTGGCGCCAGGTGGCCGGTGGCCGAGGCCGATCCCGGGGACGGGCCACTGCCGCCCTT
CAGGAAATGGAGTCCATCTCCGCGGCCCGGAGGAGGGCGAGAGAAGGGTCCGTGGGCGCAGTTCTCTT
TGGCACCAGTCCCGGAGGAGTCGCGACCACGGCGGCTGCAGGGAGCAGGCACAGCCCGCAGGATCCCAA
GCCCTGCAGACTACCGCAGCCAGCGAGCTAATGTCTCAGAAAAAATTTGAAGAAATCAAGAAAGCTAAC
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TTGCTTCGGTGAAGAGAAACCAAGCAGTTTGGAGCTGTTCCGGATGTTTCTGTATATTTACATGCCCTG
TATCCAGAAGTGGGCTAAAGACAGCCAGTTTCTGTATCTTCTGTACTGATGATGATTTTGAAAGAAA
GATTGTCCCTGGCCTTGCCAAAATGTAGTTTGAATACAAACGATCTGAAACACCTAGTAGTACTATT
GCTATTGTGAAAAGTAGAAGATCCACCTTTAGATCCGTGGCTTGTGCCTCATTGATGTTGCGCAAGTATG
TGAGCGTGAATTTAAACCTCCTTGTGGCCATAAATGTTTACTCCTCTGTATCCAGGTCCCTGCCCTCCT
TGTCAAAAGATGGTCACAACTACTTGTACTGTAAAGAAAGCAAAACCTATCCCTCGTAGGTGCAGTGCCA
AGGAATGGTCTTGTGACGTGCCATGTGGACAGAAGTTGCTTTGTGGGCAACATAAGTGTGAAAATCCTTG
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GTACTTGAATGCGGAATCCATAGATGTTTACAGCGTTGTACCCGAGGTCCTGTGAAACATGTAGACAAG
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TAAATATTATCTCATTTCAGTGTGTGGAGTTGTGGTTGTAGTGTTCCTGGTACATCACCATGATGTC
AATTAA
    
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5' Read Nucleotide Sequence: >OriGene 5' read for NM_152995 unedited
 TTCAAATTTTGTAAACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGGCACCAGC
 CTACAGGCCCTTGGGAACAGCCTTCTGAGCCAGCATTTATTTCAGACTGCATTACCGTGTC
 CTCCATGTCAAGTTCTATTCTATGGAATGTCTTGGGAAACATGAGGTGAGTCCACTAC
 CATGCCATGCTGTAGGACCCTACTCTTGTAAAAGAGTTTGTGGAAGAATCTTGGATTGTC
 AGAATCACACATGTATGAAAGAATGCCACAAAGTAACCAAACTGATGGCTGCACTGGAA
 AAAACAAGGCTGGCCAGAATGCCTTCATTGTGAGGAAGGGTCTCCAAGTCACGGCCAC
 TAGGTTGTCTTCACCCATGTATTTTGCATGTACCCCTGGAGAATGTCCACCTTGTGTT
 AGATGCTTAGAATAAAATGTCAGTGTAAAGATCACAAGCCTGTATGTGGAATGTAGAAAA
 TAACCACAGCTGATGTAATGAAAAGAACCCTCCTCAGTTGTTGCAAAAATCAGTGCCTA
 AAGAGTTCCTTGTGGTCATAGATGCAAAGAGATGTGTCATCCTGGTGAATGTCCCTTTA
 ACTGCAACCAGAAGTAAAACCTTAGATGTCCTTGTAAAAGAATAAAAAAGGAATTGCAGT
 GCAACANAGTACGTGAAAATCANGTTTCAATAGAATGTGACACAACGTGCAAGGAAATGA
 AGCGGAAAGCATCTGAGATAAAAAGAAGCAGAAGCCAAAGCTGCTCTTGAAGAAGAAAAC
 GAAGACAACAGGCTGAACTAGAAAGCTTTGAAAACGACTGAAAGGNTCGTCGGAAGAAGA
 ACAGAAAGAGNATAANTGGCAGTTGAGCTATCACTATGGGCAACATAAAATATATTCATT
 NCATGTGTNGAATNNTGGNTTNNNANTGTTTGCCTGGTCCATACCCATGATGTCATNAA
 AAAGATTNTGATCTTTAATGTACTIONATGGA

3' Read Nucleotide Sequence: >OriGene 3' read for NM_152995 unedited
 NGGGTGCTCTATGNACCGCGCCGCTTTTAGGATCGGTTTTTTTTTTTTTTTTTTTGGTATC
 AAAAAATTTAATGAAAAACATTAATCATATAAAATTAATAGCAAACTATTTGAAAGGAA
 TTATAATTCAAACAGATTTGACTTACTGATATTTCTATTTGTTTTTCATAAGAAGTATG
 TATTTTCAGCTGAAATCTATTTAAGATTGTGGTAAAGAGAAACGAGATTAAGGTACATAG
 ACCTCATAAGCCCTGTTGTGAGCAGCATATTTCTCATAAACTCATCTTCCTTTTATTAT
 TTTTAAAAGACACGCAAGTTTTACGAAACATGCCAACTCAGTTAAAAGCTTCTTACATA
 AGAAATAGCCACATGTGAGGAATCTAGCCTGGCATTGTTGAAAATAACTATATATTCTG
 AAGAACACGCCCCATGACATTTATTGATAAAAAATCCTCACTAATAAACCAATTTCTGAA
 ATCTAATTACATACCTTCATGTCACAATTTAAGAGGTCTGTTAGAGAATCACTTTTTTTA
 AAAAGCACAAAGTTAACAGTATCAAGAAAAGTACTCTATCATAAGTAACCAAAACATTA
 GAAATATTTCTTACTGCAGATATGGCTCAGTCTCATCTGAATTTTTTTTTAAAAGTG
 TTGGTTTGAATTTAAATGAAAAAACTAAGTACAAGGAAGCCCAATGAACAAAAACAGC
 TTAGTCTGCTCTAGCTAAGCCTTATGAAATATTTAGTTTCAGTCATGCCTTCACTTTA
 AAACAGTATTATACTGCCCTTTCTAGTATACTAATTAAGATAAAGGTTAACATTGCTGTC
 CTGCTAACACAGCTGAGAGGATACAGAGATGAATGTAATATATTTTCAG

Restriction Sites: NotI-NotI

ACCN: NM_152995

Insert Size: 1850 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [NM_152995.2](#), [NP_694540.1](#)

RefSeq Size: 3763 bp

RefSeq ORF: 711 bp

Locus ID: 152518

UniProt ID: [Q6ZNB6](#)

Cytogenetics: 4p12

Domains: zf-NF-X1

Protein Families: Transcription Factors, Transmembrane