

Product datasheet for **SC324646**

NXF2 (NM_022053) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXF2 (NM_022053) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXF2
Synonyms:	CT39; TAPL-2; TCP11X2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_022053.1

GGCAAGATTCTGAGGGGAAGTGTAGCTCCAGGTTGGTTCCAAGTCTTCTTCCAATTAGG
ATCTTATCCAGGACGCTTCATTGCATTTGGTCTTCAATTTCTCCTTAGTCTCCTCCAGGCT
GACATTTCTCTAATCTTTATTGGTCTTCCACAGCCCTGACACTTTTGGAGATACCAAGTCA
GCATTTCCAAGTTCGTTCTGTGAGACTGTAGTGTGAGGACAAAGCAACAACAAATGTGC
TCTACTCTAAAGAAGTGTGGGACATACAGAACTGAAGTTGAGAATGCCATGACCATGGT
AGCACTTTTCAAGGAAGAAAGAAAGGTGGGAGTTCTTCCGGGATAATTTTGACAAGAGG
AGCTGTCATTATGAACATGGTGGGTATGAGCGCCCGCCTTCACTGCCAGGAGAATGA
GGAAGCGTGGAGATGAGGGATGTCCACAAGGACCAACAACATAAGACACACTCCTTATAGC
ATCCGATGCGAAAGAAGAAATGAAATGGCATAGTGAAGACGAAATCCGTATTACCACTGG
AGAAATAGAAAACCTCCGGAGAGAAAAAATGAGTCAGAACACAGAGATGGATACACAAGG
AACTGGTTTAAGGTCACAATTCCTTACGGGATAAAGTATGACAAGGCATGGCTAATGAAT
TCAATCCAGAGCCATTGCAGTGACCGCTTCACTCCGGTTGATTTCCACTACGTCCGAAAT
CGGGCATGCTTCTTTGTCCAGGATGCTAGCGTGCCTCCGATTGAAGGATGTCAGTTAT
AAGATTTATGATGATGAGAACCAAAAGATATGTATTTTGTCAATCATTCTACTGCGCCC
TACTCTGTGAAGAATAAGTTGAAGCCAGGCCAAATGGAGATGCTAAAGCTGACCATGAAC
AAACGGTACAATGTCTCCAGCAAGCTCTTGATCTCCAGAATCTCCGCTTTGACCCAGAC
TTGATGGGCGGTGACATTGATATAATCCTGAATCGAAGAACTGCATGGCTGCCACCCTG
AAGATCATTGAAAGAAATTTCCCTGAGCTGTTGTCTTTGAAGTTGTGCAACAACAAGCTG
TACCAGCTGGATGGCCTTCTGACATTACAGAGAAGGCTCCCAAAGTCAAGACCCTGAAT
CTCTCAAAAAAAGCTGGAGTCGGCGTGGGAGTTGGGCAAGGTGAAAGGGCTGAAGCTC
GAAGAGCTATGGCTAGAAGGGAACCCGTTGTGCAGCACCTTCTCGGACCAGTCCGCTAT
GTAAGTGCATCCGGGATGTTTTCCCAAGTTGTTACGCTTGACCGCCAGAGATTATCC
GCACCACTGATTGTTGACATTGACAGCTCTGAGACAATGAAACCTGCAAGGAAAACTTT
ACTGGATCTGAGACCCCTAAAGCATTAGTCTGCAATTCTGACAGCAGTATTACTCGATC
TATGACTCTGGAGATCGACAGGTCTCCTCGGTGCTTACCACGATGAGGCCTGCTTCTCC
TTGGCTATTCCCTTCGACCCCAAGGACTCAGCCCGAGCAGCTTGTGCAAGTACTTTGAG
GATAGCAGGAATATGAAAACACTCAAGGACCCCTACCTGAAGGGGGAAGTCTGAGGCGC
ACAAAACGTGACATTGTGGACTCCCTCAGTGCCTTGCCCAAACTCAGCATGACCTCAGC
TCCATCCTGGTGGACGTGTGGTGCAGACGGAAGGATGCTCTGCTTTTCTGTCAATGGG
GTTTTCAAGGAAGTGAAGGACAGTCTCAGGGTTCTGTTCTCGCCTTACCCCGACCTTC
ATTGCTACCCCTGGCAGCAGTTCAGTCTGTGCATCGTGAATGACGAGCTGTTTGTGAGG
GATGCCAGCCCCAAGAGACTCAGAGTGCCTTCTCCATCCCAAGTGTCCACACTCTCCTCC
AGCTCTGAGCCCTCCCTCTCCAGGAGCAGCAGGAAATGGTGCAGGCTTTCTCTGCCCAG
TCTGGGATGAACTGGAGTGGTCTCAGAAGTGCCTTCAGGACAATGAGTGGAACTACACT
AGAGCTGGCCAGGCCTTCACTATGCTCCAGACCGAGGGCAAGATCCCCGCAGAGGCCTTC
AAGCAAATCTCCTAAAAGGAGCCCTCCGATGTCTTCTTTGTCTTCGTTACATCCTCTTT
GTTTCCTCTTTTACCAGCCTAAGGCCTGGCTGACCAGGAAGCCAACGTTAACTTGACGG
CCAGTCACATAACCAACCCAAAGAGCCAGTTGCTGTGTGTTATCGCCCCACTCATGATCA
CCATTTTATTTTCATAATAAGAGTGACGTTACACGTTGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022053

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_022053.1</u> , <u>NP_071336.1</u>
RefSeq Size:	2346 bp
RefSeq ORF:	1881 bp
Locus ID:	56001
UniProt ID:	<u>Q9GZY0</u>
Cytogenetics:	Xq22.1
Gene Summary:	This gene encodes a member of a family of nuclear RNA export proteins. The encoded protein is associated with the nuclear envelope and aids in the export of mRNAs. There is a closely related paralog of this gene located adjacent on chromosome X and on the opposite strand. [provided by RefSeq, Aug 2013]