

Product datasheet for **SC122922**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_022053 edited
 GGCAAGATTCTGAGGGGAAGTGTAGCTCCCAGGTTGGTCCAAGTCTTCTCCAATTAGG
 ATCTTATCCAGGACGCTTCATTGCATTTGGTCTTCATTCTCCTTAGTCTCCTCCAGGCT
 GACATTTCTCAATCTTTATTGGTCTTCCACAGCCCTGACACTTTTGGAGATACCAGTCA
 GCATTTCCAAGTTCGTTCTGTGAGACTGTAGTGTGAGGACAAAGCAACAACAAAATGTGC
 TCTACTCTAAAGAAGTGTGGGACATACAGAACTGAAGTTGCAGAATGCCATGACCATGGT
 AGCACTTTTCAAGGAAGAAAGAAAGGTGGGAGTTCTTTCCGGGATAATTTTGACAAGAGG
 AGCTGTCAATTATGAACATGGTGGGTATGAGCGCCCGCCTTACACTGCCAGGAGAATGAT
 GGAAGCGTGGAGATGAGGGATGTCCACAAGGACCAACAATAAGACACACTCCTTATAGC
 ATCCGATGCGAAAGAAGATGAAATGGCATAAGTGAAGACGAAATCCGTATTACCACGTGG
 AGAAATAGAAAACCTCCGGAGAGAAAAATGAGTCAGAACACACAGGATGGATACACAAGG
 AACTGGTTTAAGGTCACAATTCCTTACGGGATAAAGTATGACAAGGCATGGCTAATGAAT
 TCAATCCAGAGCCATTGCAGTGACCGCTTCACTCCGGTTGATTTCCACTACGTCCGAAAT
 CGGGCATGCTTTTGTCCAGGATGCTAGCGCTGCCTCCGCATTGAAGGATGTCAGTTAT
 AAGATTTATGATGATGAGAACCAAAAGATATGTATTTTGTCAATCATTCTACTGCGCCC
 TACTCTGTGAAGAATAAGTTGAAGCCAGGCCAAATGGAGATGCTAAAGCTGACCATGAAC
 AAACGGTACAATGTCTCCAGCAAGCTCTTGATCTCCAGAATCTCCGCTTTGACCCAGAC
 TTGATGGGCCGTGACATTGATATAATCCTGAATCGAAGAACTGCATGGCTGCCACCCTG
 AAGATCATTGAAAGAAATTTCCCTGAGCTGTTGTCTTTGAACTTGTGCAACAACAAGCTG
 TACCAGCTGGATGGCCTTTCTGACATTACAGAGAAGGCTCCCAAAGTCAAGACCTGAAT
 CTCTCCAAAAATAAGCTGGAGTCGGCGTGGGAGTTGGGCAAGGTGAAAGGGCTGAAGCTC
 GAAGAGCTATGGCTAGAAGGGAACCCGTTGTGCAGCACCTTCTCGGACCAGTCCGCTAT
 GTAAGTGCCATCCGGGATTGTTTCCCAAGTTGTTACGCTGGACGGCCGAGAGTTATCC
 GCACCAAGTGATTGTTGACATTGACAGCTCTGAGACAATGAAACCTGCAAGGAAAACTTT
 ACTGGATCTGAGACCCTAAAGCATTTAGTCTGCAATTCCTGCAGCAGTATTACTCGATC
 TATGACTCTGGAGATCGACAGGGTCTCCTCGGTGCTTACCACGATGAGGCCTGCTTCTCC
 TTGGCTATTCCCTTCGACCCCAAGGACTCAGCCCCGAGCAGCTTGTGCAAGTACTTTGAG
 GATAGCAGGAATATGAAAACACTCAAGGACCCCTACCTGAAGGGGGAAGTCTGAGGCGC
 ACAAACGTGACATTGTGGACTCCCTCAGTGCCTTGCCCAAACTCAGCATGACCTCAGC
 TCCATCCTGGTGGACGTGTGGTGCCAGACGGAAGGATGCTCTGCTTTTCTGTCAATGGG
 GTTTTCAAGGAAGTGAAGGACAGTCTCAGGGTCTGTTCTCGCCTTACCCGGACCTTC
 ATTGCTACCCCTGGCAGCAGTTCAGTCTGTGCATCGTGAATGACGAGCTGTTTGTGAGG
 GATGCCAGCCCCAAGAGACTCAGAGTGCCTTCTCCATCCAGTGTCCAACTCTCCTCC
 AGCTCTGAGCCCTCCCTCTCCAGGAGCAGCAGGAAATGGTGCAGGCTTTCTCTGCCAG
 TCTGGGATGAACTGGAGTGGTCTCAGAAGTGCCTTCAGGACAATGAGTGGAACTACACT
 AGAGCTGGCCAGGCCTTCACTATGCTCCAGACCGAGGGCAAGATCCCCGAGAGGCCTTC
 AAGCAATCTCCTAAAAGGAGCCCTCCGATGTCTTCTTTGTCTTCGTTACATCTCTTT
 GTTCTCTTTTACCAGCCTAAGGCCTGGCTGACCAGGAAGCCAACGTTAACTTGACAGG
 CCACGTGACATAACCAACCAAGAGCCAGTTGCTCTGTGTATTGCCCCACTCATGATCA
 CCATTTTATTTTCATAATAAAGAGTGACGTTACACGTTGTAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022053 unedited <pre> GTCAAAATTTGTATACGACTCACTATAGGCGGCCGCAATTCCCGGGATATCGTCGACCC ACGCGTCCGGGCAAGATTCTGAGGGGAAGTGTAGCTCCAGGTTGGTTCCAAGTCTTCTT CCAATTAGGATCTTATCCAGGACGCTTCATTGCATTTGGTCTTCATTTCTCCTTAGTCTC CTCCAGGCTGACATTTCTCAATCTTTATTGGTCTTCACAGCCCTGACACTTTTGGAGA TACCAGTCAGCATTTCCAAGTTCGTTCTGTGAGACTGTAGTGTGAGGACAAAGCAACAAC AAAATGTGCTCTACTCTAAAGAAGTGTGGGACATACAGAACTGAAGTTGCAGAATGCCAT GACCATGGTAGCACTTTTCAAGGAAGAAAGAGTGGGAGTTCTTTCCGGGATAATTTT GACAAGAGGAGCTGTCATTATGAACATGGTGGGTATGAGCGCCCGCCTTCACTGCCAG GAGAATGATGGAAGCGTGGAGATGAGGGATGTCCACAAGGACCAACAATAAGACACACT CCTTATAGCATCCGATGCGAAAGAAGATGAAATGGCATAGTGAAGACGAAATCCGTATT ACCACGTGGAGAAATAGAAAACCTCCGGAGAGAAAAATGAGTCAGAACACACAGGATGGA TACACAAGGAAGTGGTTTAAGGTCACAATTCCTACGGGATAAAGTATGACAAGGCATGG CTAATGAATTCATCCAGAGCCATTGCAGTGACCGCTTCACTCCGTTGATTCCCACTAC GTCCGAAATCGGGCATGCTTCTTTGTCCAGGATGCTAGCGCTGCCTCCGATTTGAAGATG TCAGTTATTAGATTATGAGGATGAGGACCAAGGATATGTTATTTGGTCAATCATTCTAT TGGGCCCTACTTCGGGAAAATTAGTGT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_022053
Insert Size:	2336 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_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]