

Product datasheet for **SC304532**

NXF2 (NM_017809) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	NXF2
Synonyms:	CT39; FLJ20416; NXF2B; TAPL-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC304532 representing NM_017809.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGCTCTACTCTAAAGAAGTGTGGGACATACAGAACTGAAGTTGCAGAATGCCATGACCATGTTAGC
ACTTTTCAAGGAAGAAAAGAGTGGGAGTTCTTCCGGGATAATTTTGACAAGAGGAGCTGTCATTAT
GAACATGGTGGGTATGAGCGCCCGCTTCACACTGCCAGGAGAATGATGGAAGCGTGGAGATGAGGGAT
GTCCACAAGGACCAACAATAAGACACACTCCTTATAGCATCCGATGCGAAAGAAGAATGAAATGGCAT
AGTGAAGACGAAATCCGTATTACCAGTGGAGAAATAGAAAACCTCCGGAGAGAAAAATGAGTCAGAAC
ACACAGGATGGATACACAAGGAAGTGGTTAAGGTACAATTCCTACGGGATAAAGTATGACAAGGCA
TGGCTAATGAATCAATCCAGAGCCATTGCAGTGACCGCTTCACTCCGGTTGATTTCCACTACGTCCGA
AATCGGGCATGCTTCTTGTCCAGGATGCTAGCGCTGCCTCCGCATTGAAGGATGTCAGTTATAAGATT
TATGATGATGAGAACAAAAGATATGTATTTGTCAATCATTCTACTGCGCCTACTCTGTGAAGAAT
AAGTTGAAGCCAGGCCAAATGGAGATGCTAAAGCTGACCATGAACAAACGGTACAATGTCTCCAGCAA
GCTCTTGATCTCCAGAATCTCCGCTTTGACCCAGACTTGATGGGCCGTGACATTGATATAATCCTGAAT
CGAAGAAATGCATGGCTGCCACCCTGAAGATCATTGAAAGAAATTTCCCTGAGCTGTTGTCTTTGAAC
TTGTGCAACAACAAGCTGTACCAGCTGGATGGCCTTTCTGACATTACAGAGAAGGCTCCCAAAGTCAAG
ACCTGAATCTCTCAAAAATAAGCTGGAGTCGGCGTGGGAGTTGGCAAGGTGAAAGGGCTGAAGCTC
GAAGAGCTATGGCTAGAAGGGAACCGTTGTGCAGCACCTTCTCGGACCAAGTCCGCCTATGTAAGTGCC
ATCCGGGATTTGTTCCCAAGTTGTTACGCCTGGACGCGCCAGAGTTATCCGCACCAAGTATTGTTGAC
ATTGACAGCTCTGAGACAATGAAACCTGCAAGGAAACTTTACTGGATCTGAGACCCTAAAGCATTTA
GTCCTGCAATTCCTGCAGCAGTATTACTCGATCTATGACTCTGGAGATCGACAGGGTCTCCTCGGTGCT
TACCACGATGAGGCCTGCTTCTCCTTGGCTATTCCCTTCGACCCCAAGGACTCAGCCCGAGCAGCTTG
TGCAAGTACTTTGAGGATAGCAGGAATATGAAAACACTCAAGGACCCTACCTGAAGGGGAACTGCTG
AGGCGCACAAAACGTGACATTTGTGGACTCCCTCAGTGCCTTGCCCAAACTCAGCATGACCTCAGCTCC
ATCCTGGTGGACGTGTGGTGCCAGACGGAAGGATGCTCTGCTTTTCTGTCAATGGGGTTTCAAGGAA
GTGGAAGGACAGTCTCAGGGTTCTGTTCTCGCCTTCACCCGACCTTCATTGCTACCCCTGGCAGCAGT
TCCAGTCTGTGCATCGTGAATGACGAGCTGTTTGTGAGGGATGCCAGCCCCAAGAGACTCAGAGTGCC
TTCTCCATCCAGTGTCCACACTCTCCTCAGCTCTGAGCCCTCCCTCTCCAGGAGCAGCAGGAATG
GTGCAGGCTTTCTCTGCCAGTCTGGGATGAACTGGAGTGGTCTCAGAAGTGCCTTCAGGACAATGAG
TGGAATACACTAGAGCTGGCCAGGCTTCACTATGCTCCAGACCGAGGCAAGATCCCCGACAGGGCC
TTCAAGCAATCTCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_017809

Insert Size:

1881 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:

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_017809.3</u>
RefSeq Size:	3848 bp
RefSeq ORF:	1881 bp
Locus ID:	56001
Cytogenetics:	Xq22.1
MW:	71.6 kDa
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] Transcript Variant: This variant (1) differs from transcript variant 2 at the 5' UTR. The encoded protein is identical for both transcript variants.