

Product datasheet for **SC316799**

NXF2B (NM_001099686) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NXF2B (NM_001099686) Human Untagged Clone
Tag:	Tag Free
Symbol:	NXF2B
Synonyms:	bA353J17.1; TCP11X2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC316799 representing NM_001099686.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGCTCTACTCTAAAGAAGTGTGGGACATACAGAACTGAAGTTGCAGAATGCCATGACCATGGTAGC
ACTTTTCAAGGAAGAAAGAAAGGTGGGAGTTCTTTCCGGGATAATTTTGACAAGAGGAGCTGTCATTAT
GAACATGGTGGGTATGAGCGCCCGCCTTCACACTGCCAGGAGAATGATGGAAGCGTGGAGATGAGGGAT
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AATCGGGCATGCTTCTTTGTCCAGGATGCTAGCGCTGCCTCCGATTGAAGGATGTCAGTTATAAGATT
TATGATGATGAGAACCAAAAGATATGTATTTTGTCAATCATTCTACTGCGCCCTACTCTGTGAAGAAT
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TCCAGTCTGTGCATCGTAATGACGAGCTGTTTGTGAGGGATGCCAGCCCCCAAGAGACTCAGAGTGCC
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TGGAACTACACTAGAGCTGGCCAGGCCTTCACTATGCTCCAGACCGAGGCAAGATCCCCGCGGAGGCC
TTCAAGCAAATCTCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001099686

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.

RefSeq: [NM_001099686.2](#)

RefSeq Size: 2417 bp

RefSeq ORF: 1881 bp

Locus ID: 728343

UniProt ID: [Q9GZY0](#)

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, Jun 2015]