

Product datasheet for **SC204700**

NXF1 (NM_006362) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NXF1 (NM_006362) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NXF1
Synonyms: MEX67; TAP
ACCN: NM_006362
Insert Size: 376 bp
Insert Sequence: >SC204700 3'UTR clone of NM_006362

The sequence shown below is from the reference sequence of NM_006362. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGATCCCAGAAGTGGCATTTCATGAAGTGCATCGTAGTCATGCCTCAGAAGCAGTCCCCCTGTAATAG
TCCTTGGATATTACCGTCTGGTTGTCGCTGTGCATCTCCTCCTGTCTGGCCCGAGGCCGCCCGTGACT
GTGACCGAGGGAGGGAGGCTGCCTGATCCCTCCTCGCTGCCTTCTGGAAGACTTCAGAAGATTGA
GCCTCACTGGTGCCAGGAAGCCAAAGCTTACTTTGTAGAAGTGAAGTAACTACCCGAAGGACTTAGG
TGCTTTGTGACTTAACCCAGGACCTCCTACTTTTTAATAAAGAGTGATGTTGATTTTCGTGTTT
TGCACTTTTTAATAAAGAGTGATGTTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_006362.5](#)



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Summary:

This gene is one member of a family of nuclear RNA export factor genes. Common domain features of this family are a noncanonical RNP-type RNA-binding domain (RBD), 4 leucine-rich repeats (LRRs), a nuclear transport factor 2 (NTF2)-like domain that allows heterodimerization with NTF2-related export protein-1 (NXT1), and a ubiquitin-associated domain that mediates interactions with nucleoporins. The LRRs and NTF2-like domains are required for export activity. Alternative splicing seems to be a common mechanism in this gene family. The encoded protein of this gene shuttles between the nucleus and the cytoplasm and binds in vivo to poly(A)⁺ RNA. It is the vertebrate homologue of the yeast protein Mex67p. The encoded protein overcomes the mRNA export block caused by the presence of saturating amounts of CTE (constitutive transport element) RNA of type D retroviruses. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Locus ID:

10482

MW:

13.9