

Product datasheet for SC305521

NXF5 (NM_032946) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	NXF5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PSI00001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305521 representing NM_032946. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGCGGAACACACAAGATGAAAACATGAGGAAATGGTTCAAGGTCACAATTCCTTATGGGATAAAG
TATGACAAGGCATGGCTAATGAATCAATCCAGAGCAATTGCAGTGTCCCTTCACTCCGGTTGATTTTC
CACTACATCCGAAATCGGGCATGCTTCTTTGTCCAGGTTGCTAGTGTGCCTCTGCATTGAAGGATGTC
AGTTATAAGATTTATGATGATGAGAACCAAAAGATATGTATATTTGTCAGTCATTTTACTGCGCCCTAC
TCTGTGAAGAATAAGTTGAAGCCAGGCCAAATGGAGATGCTAAAGCTGACCATGAACAAACGGTACAAT
GTCTCCCAAGCAAGCTCTTGATCTCCAGAACTCCGCTTTGACCCAGACTTGATGGGCCGTGACATTGAT
ATAATCCTGAATCGAAGAACTGCATGGCTGCCACCTGAAGATCACTGAAAGAAATTTCCCTGAGCTG
TTGTCTTTGAACCTTGTCACCAACAACTGTACCAGCTGGATGGCCTTTCTGACATTACAGAGAAGGCT
CCCAAAGTCAAGACCTGAATCTCTCAAAAAAAGCTGGAGTCGGCGTGGGAGTTGGGCAAGGTGAAA
GGGCTGAAGCTCGAAGAGCTATGGCTAGAAGGGAACCCGTTGTGCAGCACCTTCTCGGACCAAGTCTGCC
TATGTAAGTGCCATCCGGGATTGTTTCCCAAGTTGTTACGCTGGACGGCCGAGAGTTATCCGCACCA
GTGATTGTTGACATTGACAGCTCTGAGACAATGAAACCTGCAAGGAAAATTTACTGGATCTGAGACC
CTAAAGCATTTAGTCCTGCAATTCCTGCAGCAGAGCAACTTGTGCAAGTACTTCAAGGATAGCAGGAAT
ATAAAATTTCTCAAAGACCCCTACCTGCAGAGGAAGCTGCTAAAGCACAAAAATGTCCACGAAACGTG
GACTCCCTCAGTGCATTGCCTGAACTCAGCATGACTTACCTCCATCCTGGTGGACATGTGGTACCAG
ACCGTGAACACCTGCTTCTCCTCGGGCAGGCCAGAGAGCCAGAGCCTAAGACCACTCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_032946
Insert Size:	1098 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_032946.2</u>
RefSeq Size:	1613 bp
RefSeq ORF:	1098 bp
Locus ID:	55998
UniProt ID:	<u>Q9HIB4</u>
Cytogenetics:	Xq22.1
MW:	42.2 kDa
Gene Summary:	This gene is one member of a family of nuclear RNA export factor genes. The encoded protein can bind RNA, and is implicated in mRNA nuclear export. However, this protein has lost several C-terminal protein domains found in other family members that are required for export activity, and may be an evolving pseudogene. Alternatively spliced transcript variants have been described, but most are candidates for nonsense-mediated decay (NMD) and may not express proteins in vivo. [provided by RefSeq, Jul 2009] Transcript Variant: This variant (1) represents the shortest transcript and is protein-coding.