

Product datasheet for **RR211726**

Nfya (NM_012865) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfya (NM_012865) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nfya
Synonyms:	CBF-A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211726 representing NM_012865 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCAGTATACAGCAAATAGCAATAGTTCCACAGAGCAGATCGTGGTGCAGGCTGGCCAGATTACG
AGCAGCAGCAGGGTGGTGTCACTGCTGTCCAGCTGCAGACTGAGGCCAGGTGGCATCCGCCTCAGGCCA
GCAAGTCCAGACCCTCCAGGTAGTTCAGGGGCAGCCATTAATGGTGAAGTCAGTGGAGGCCAGCTGATT
ACATCAACTGGCCAACCCATCATGGTACAGGCTGTGCCTGGTGGACAAGGCCAAACTATCATGCAAGTAC
CTGTGTCTGGAACACAAGGTTTACAGCAGATACAGTTGGTACCCCTGGACAGATCCAGATCCAGGGCGG
GCAGGCTGTGCAGGTGAAGGCCAGCAGGGACAGACCCAGCAGATCATCATTCAGCAGCCACAGACCCGG
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CCCAGCAGCCAGTTTGGCAGGGGCACAGATCGTTCCAGACAGGAGCCAATACCAACACAACCAGTAGTGGA
CAAGGGACTGTCACTGTGACACTGCCAGTGGCAGGGAATGTGGTCAACTCAGGAGGAATGGTCATGATGG
TACCAGGGGCTGGCTCTGTGCCTGTATCCAAAGAATCCCTTTACCTGGGGCAGAGATGCTGGAAGAAGA
GCCGTTGTATGTGAATGCCAAACAGTATCACCGCATCCTTAAGAGGAGACAAGCGAGGGCCAAGCTAGAG
GCAGAAGGGAAGATCCCAAGGAAAGAAGGAAATACCTCCATGAGTCTCGGCACCGACACCCATGGCAC
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CCAAGCTGATGAAGAAGCCATGACACAGATCATCCGAGTTTCC

ACGGTACGGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR211726 representing NM_012865
Red=Cloning site Green=Tags(s)

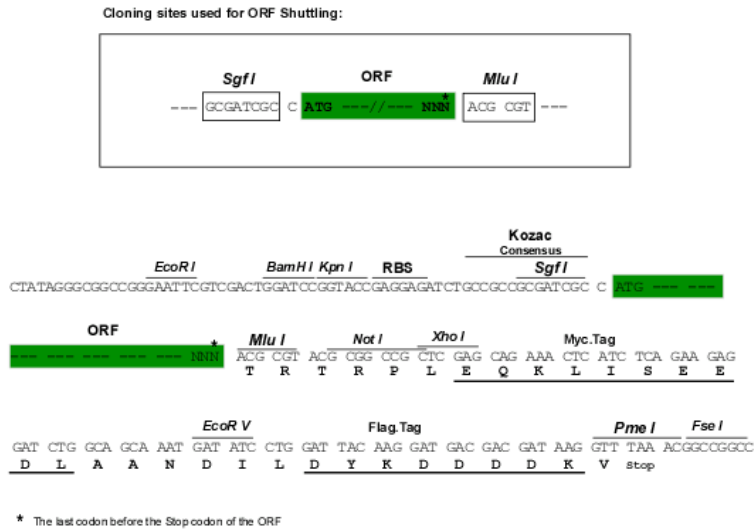
MEQYTANSNSSTEQIVVQAGQIQQQQGGVTAVQLQTEAQVASASGQQVQTLQVVQGGPLMVQVSGGQLI
 TSTGQPI MVQAVPGGQGTIMQVPVSGTQGLQQIQLVPPGQIQIQGGQAVVQGGQGTQQII IQQPQTA
 VTAGQTQTQQQIAVQGGQVAQTAEGQTI VYQPVNADGTILQQGMITIPAASLAGAQIVQTGANTNTSSG
 QGTVTVTLPVAGNVVNSGGMVMPVPGAGSVPAIQRIPLPGAEMLEEEPLVYNAKQYHRILKRRQARAKLE
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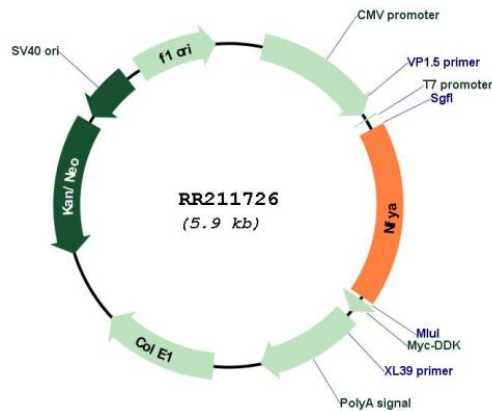
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_012865

ORF Size: 1023 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none"> 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_012865.1 , NP_036997.1
RefSeq Size:	1415 bp
RefSeq ORF:	1026 bp
Locus ID:	29508
UniProt ID:	P18576
Cytogenetics:	9q12
MW:	36.3 kDa
Gene Summary:	subunit of the heteromeric CCAAT-binding transcription factor [RGD, Feb 2006]