

Product datasheet for **RR202813**

Nfu1 (NM_001106606) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nfu1 (NM_001106606) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nfu1
Synonyms: Hirip5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202813 representing NM_001106606
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGCCGAGCGGGCGTGGGAGCAGCTGTCGGTGTAGCCCGGCTGTGCAGGCGGCTCTGTCATG
TGGCGACTCCACACGCCCTTAAGAAACAGCCTCTGCACCAATATGTACAGAGACCACTCTCCCTCTGCC
CACGCCCTTGATAACACAGTACGATTCATGTTTATTCAAACACAAGACACCCCAATCCCAACAGCTTA
AAGTTTATACCAGGAAAGCCGGTCTTGAGACGAGGACCATGGATTTCCACACACAGCTGCGGCTTCC
GTTCCCTCTGGCCAGGCAGTTATTCAGGATTGAAGGTGTGAAAAGTGTCTTCTTTGGGCCAGATTCAT
TACAGTACAAAGGAGAAATGAAGAATTAGACTGGAATTTACTGAAACCAGACATTTATGCAACAATTATG
GACTTCTTTGCATCTGGCTTACCTCTAGTACTGAGGAGACGCCTCCAGGAGAAGCAGGTTCTGAGGAAG
ATGACGAAGTTGTGGCAATGATTAAGAAGTGTAGATACTAGAATACGGCCGACTGTGCAGGAGGATGG
GGGTGACGTGATCTACAGAGGCTTTGAAGATGGCATCGTGGGCTGAAGCTCCAGGGCTCCTGCACCAGC
TGCCCCAGCTCTATCATCACCTGAAGAGCGGGATTGAGAACATGCTGCAGTTTTATATCCAGAAGTGG
AAGCGTGGAGCAGGTGATGGATGATGAGGAATCAGATGAAAAGAAGCAAATTCACCT

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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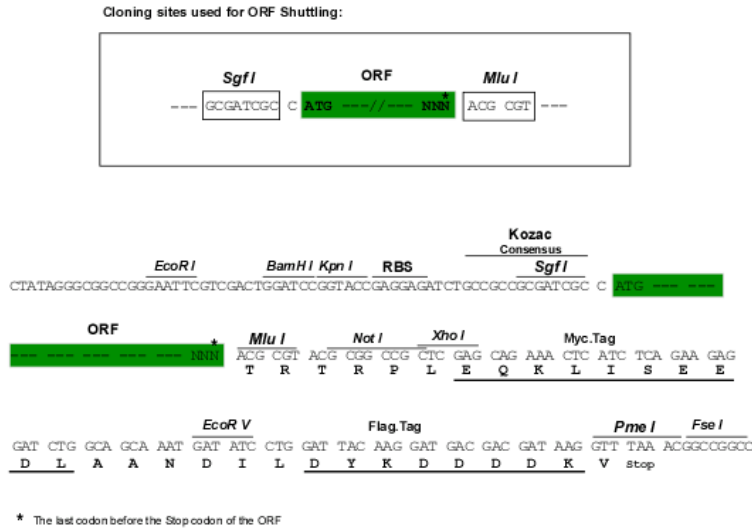
Protein Sequence: >RR202813 representing NM_001106606
Red=Cloning site Green=Tags(s)

MAAAERAWGAAVGVARLCRRLCHVATPHAFKKQPLHQYVQRPLFPLRTPLYNTVRFMFIQTQDTPNPNSL
 KFIPGKPVLETRTMDFPPTAAAFRSPLARQLFRIEGVKSVEFFGPDFITVTKENEELDWNLLKPDYATIM
 DFFASGLPLVTEETPPGEAGSEEDDEVVAMIKELLDTRIRPTVQEDGGDVIYRGFEDGIVRLKLGQSGTS
 CPSSIIITLKSGIQNMLQFYIPEVEGVEQVMDDEESDEKEANSP

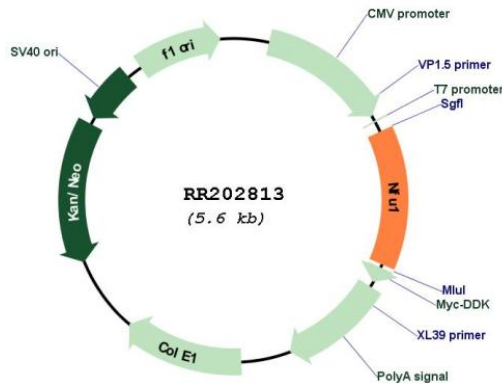
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106606
ORF Size: 759 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_001106606.2 , NP_001100076.2
RefSeq Size:	1109 bp
RefSeq ORF:	762 bp
Locus ID:	297416
Cytogenetics:	4q34
MW:	28.4 kDa