

## Product datasheet for RN202813

### Nfu1 (NM\_001106606) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nfu1 (NM_001106606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfu1
Synonyms:	Hirip5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202813 representing NM_001106606 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGGGCGCCGAGCGGGCGTGGGGAGCAGCTGTCGGTGTAGCCCGGCTGTGCAGGCGGCTCTGTCATG  
TGGCGACTCCACACGCCCTTAAGAAACAGCCTCTGCACCAATATGTACAGAGACCCTCTCCCTCTGCG  
CACGCCCTTGATAACACAGTACGATTCATGTTTATTCAAACACAAGACACCCCAATCCCAACAGCTTA  
AAGTTTATACCAGGAAAGCCGGTTCTTGAGACGAGGACCATGGATTTCCACACACAGCTGCGGCTTCC  
GTTCCCTCTGGCCAGGCAGTTATTCAGGATTGAAGGTGTAAAAAGTGTCTTCTTTGGGCCAGATTTTCAT  
TACAGTCACAAAGGAGAAATGAAGAATTAGACTGGAATTTACTGAAACCAGACATTTATGCAACAATTATG  
GACTTCTTTGCATCTGGCTTACCTCTAGTACTGAGGAGACGCCTCCAGGAGAAGCAGGTTCTGAGGAAG  
ATGACGAAGTTGTGGCAATGATTAAGAAGTGTAGATACTAGAATACGGCCGACTGTGCAGGAGGATGG  
GGTGACGTGATCTACAGAGGCTTTGAAGATGGCATCGTGGGCTGAAGCTCCAGGGCTCCTGCACCAGC  
TGCCCCAGCTCTATCATCACCTGAAGAGCGGGATTGAGAACATGCTGCAGTTTTATTTCCAGAAGTGG  
AAGCGTGGAGCAGGTGATGGATGATGAGGAATCAGATGAAAAAGAAGCAAATTCACCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106606
Insert Size:	762 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106606.2</a></u> , <u><a href="#">NP_001100076.2</a></u>
<b>RefSeq Size:</b>	1109 bp
<b>RefSeq ORF:</b>	762 bp
<b>Locus ID:</b>	297416
<b>Cytogenetics:</b>	4q34