

## Product datasheet for **MR207760**

### Nufip1 (NM\_013745) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nufip1 (NM_013745) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nufip1
Synonyms:	Nufip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR207760 representing NM\_013745  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGAACCGCACCCGCCGTGTGGCCTTCGGCCCCGGATCTGACTCCCAGCGCCCGGACTCCGAGCG  
AAGCTGCGCCCGCGGGACAACCTGGGTGACTGGGCCATGCTGCGCCGCCACCACTCCTCTGTGCTC  
CCCAGTGCGGGCTCGGAGCAGAGCCGGAAGGGACAGCCTCACGTGCTGCCCCAGCCTCCCTCCGGAGCG  
CTTCCACCGTTTCGATGCTCAGATTCTTCCCGCGGCGCAGCCTCCTTTTCGATGCCAGGCTCCGCCGATG  
CTCAATCTCAGTTCAGCGCCAGCAGCCTGGAATTTGCAAGCCTCCACGCCTTGGTACTGGGGATTGTC  
TCCTAATGGTTTTTCCACGTACCACACGTCTTACCAATCTCCGGTTACACATTCTATTTTTCCACGATCA  
CATGATGCAAAATTCATTTGCCTCAAAACAGAAAACAGAAAACGAAGAAAAGAAAGGAACCGTTTTCC  
ATTTTTCTGTGATACCTGTGATCGTGGCTTTAAAAATCAAGAAAAGTATGACACACACATGTCTGAACA  
TACAAAATGCCCTGAAGTAGATTGCTCCTTTAGTGCACATGAGAAGATTGTCCAGTTCATTGGAGAAAT  
ATGCATGCTCCTGGTATGAAGAAGTCAAGCTAGACACTCCAGAGGAGATTGCAAGATGGAGGGAAGAGA  
GACGAAAAAACTACCAACTCTGGCCAATATTGAAGGAAGAAAAAGTTACAACCTGGAAAAGGCAAAGAG  
AGGAGAAGTGTGACAACCACACAGTATGGCAAAATGAAGGGCATGTCCAGACATTACAGATGGCAAAG  
ATCAGAAGTCTGGTAAACATCATAAATGGAGAAGAGGTGGGGCTAGGCAGAGAGCAGTCTGGACTAG  
GAAATCATGCCAGAGATTGCAAGCCTGAAGTCCATCCAAGGCTAATGTGGACCTCTAGGTGCTTTGAT  
CCACAGCGACTCTGAGTCTGATAAGGAAGAGAAAGCGCAAAGGACTGTAGTGCCTCAAGGAAGTGCACCA  
GCCTTGTGTTTCGCTGATGAGCAGCTACGGCGATGCTCGGGGTCAGACAGTGTGAGCCAGAAGAAGTCCCA  
TCAAGACTGAAGCAGAAGTTCTGGCAGAAAACCATGTTCTTCATAGCAGTCTCCCAAGAGTCCAAAACA  
AAATGTTCAAACAACCTGGTAGAACAGTCTCAAGATCCAAGTGGGAGAACCAGAGGAACCGACTCAGAAAG  
ATAAGCCTTAAGCGGAAAAAGAGCCACTGTCAACCATTATTTGAACCAAGAACACATCACCCATATCTCC  
TGGAAATGCTTCTAGCTCCAGATATTCGACATGAAAGAAATGTGATTTTGCAGTGTGTTTCGATATATCAT  
CAAAAAAGACTTTTTTGGACTTAATACTGATTCTGTGAAAACCTGAAGAAGTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207760 representing NM\_013745  
Red=Cloning site Green=Tags(s)

MAEPAPAVWPSAPDLTPAPGTPSEAAPPRDNWVYWAMPLPPPPPLSSPVAGSEQSRKGQPHVLPQPPSGA  
LPPFDAQILPAAQPPFDAQAPPDAQSQFSGQQAWNLQASTPWYWGLSPNGFSTYHTSYQSPVTHSYFPRS  
HDAKFNLQNRKQKTKRKEPVFHHFCDTCDRGFKNQEKYDTHMSEHTKCPEVDCSFSAHEKIVQFHWRN  
MHAPGMKKIKLDTPEEIARWREERRKNYPTLANIERKKKLQLEKAKRGEVLTQTQYGMKMGMSRHSQMAK  
IRSPGKHHKWRRGGARQRAVVGLGNHARDSKPEVPSKANVDPLGALIHSDSESDKEEKAQRTVVPKEVTP  
ALCSLMSSYGDVSGDSEPEEAPIKTEAEVLAENHVLHSSPPKSPKQNVQTTGRTVSRKQWENQRNGLRK  
ISLKRKSHCHPLFEPRTTHPYLLEMLLAPDIRHERNVILQCVRYI IKKDFGLNTDSVKTEEV

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9089\\_e12.zip](https://cdn.origene.com/chromatograms/mm9089_e12.zip)

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_013745

ORF Size: 1452 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:
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\\_013745.5](#), [NP\\_038773.1](#)

RefSeq Size: 3974 bp

RefSeq ORF: 1455 bp

Locus ID: 27275

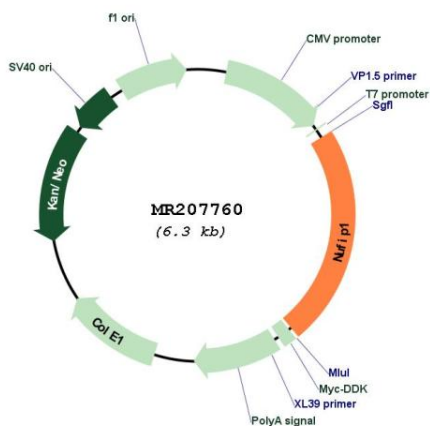
UniProt ID: [Q9QXX8](#)

Cytogenetics: 14 D3

MW: 54.7 kDa

Gene Summary: Binds RNA.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207760