

Product datasheet for **RG223723**

NUFIP2 (NM_020772) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUFIP2 (NM_020772) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NUFIP2
Synonyms:	82-FIP; 182-FIP; FIP-82; PIG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG223723 representing NM_020772
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGAAGCCCGGCCAGCCACAGCCTCAGCACCATCACAGCCACCACCATCCGCACCATCACCTC
 AGCAGCAGCAGCAGCAGCCGACCACCACCATTATTTTCTACAACCACAGCCACAACCACCACCA
 CCACCATCATCACCAGCAGCCTACCAATACCTGCAGCATGGAGCCGAGGGCAGCCCAAGGCCAGCCA
 AAGCCGCTGAAACATGAGCAGAAAACACACCCTCCAGCAGCACCAGGAAACGCCGAAGAAGAAAACAGGCT
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 AGGAGAATATCCTGCTACTTTGGTTTACAGGGTGTGAAATAATTCCCTCAGGAACTGAGCATCCTGTG
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 GTTCTTTTACCTGAGGGCTGCTATTGTATACACTAAAGAAATGGAATCTATTTGGAATTTGCAGAA
 GCAAGATCCCAAAAGGATAATCACTTACAATGAAGCCATGGATAGTCCAGATCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG223723 representing NM_020772
Red=Cloning site Green=Tags(s)

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MEEKPGQPQPQHSHSHHPHHPHQQQQQPHHHHHYFYFNHSHNHHHHHHHQPHQYLQHGAEQSPKAQP
KPLKHEQKHTLQQHQETPKKKTGYGELNGNAGEREISLKNLSSDEATNPISRVLNGNQVVDTSKQTVK
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KI VPKISYASKVKENLNKTIQNSSVSPTSSSSSSSTGETQTQSSSRLSQVPMSALKSVTSANFNGPVL
AGTDGNYPPGGQPLLTTAANTLTPISSGTDVSLQDMSL TSAAVEQIKTSLFIYPSNMQTMLLSTAQVDL
PSQTDQQNLGDI FQNQWGLSFINEPSAGPETVTGKSSEHKVMEVTFQGEYPATLVSQGAEIIPSGTEHPV
FPKAYELEKRTSPQVLG SILKSGTTSSESGAL SLEPSHIGDLQKADTSSQGALVFLSKDYEIESQNPLASP
TNTLLGSAKEQRYQRGLERNDSWGSFDLRAAIVYHTKEMESIWNLQKQDPKRIITYNEAMSPDQ
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020772

ORF Size: 2085 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_020772.3](#)

RefSeq Size: 4999 bp

RefSeq ORF: 2088 bp

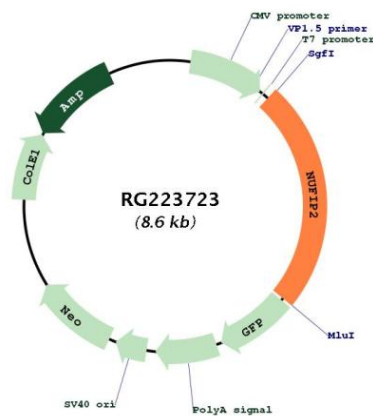
Locus ID: 57532

UniProt ID: [Q7Z417](#)

Cytogenetics: 17q11.2

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

Product images:



Circular map for RG223723