

Product datasheet for **RG239923**

NEMF (NM_001301732) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NEMF (NM_001301732) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NEMF
Synonyms:	IDDSAPN; NY-CO-1; SDCCAG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG239923 representing NM_001301732. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGAGCCGCTTTAGCACCATTGACCTCCGCGCCGTAATCGCGGAGCTGAATGCTAGCTTGTAGGA
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CTTGGTGTGGATAGAATTGTAGATTTTCAATTTGGAAGTGATGAAGCTGCTTACCATTTAATCATTGAG
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ACTGATGAGGCAGATGATGTTAAATTTGCTGTTGCTGAACGCTATCCACTTGATCATGCTAGAGCTGCT
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CAAACATTAAGAAGTTCACTGTTACCTCTATTCAAAAAGCAAGAAAAGTATATTGGTTTGAGAAA
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 ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC

Protein Sequence:

>Peptide sequence encoded by RG239923
 Blue=ORF Red=Cloning site Green=Tag(s)

MKSRFSTIDLRAVLAELNASLLGMRVNNVYDNDNKTYLIRLQKPDFKATLLLESIRIHTTEFEWPKNM
 MPSSFAMKCRKHLKSRRLVSAKQLGVDRIYDFQGSDEAAYHLIIELYDRGNIVLTDYEYVILNILRFR
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 AKKTQKTVEAAEKAFKSAEKKTKQLKEVQTVTSIQKARKVYWFELWFISSENYLIGGRDQQQNEI
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 DEPVKKQPKPRGGQVSDNIKKETPFLEVI THELQDFAVDDPHDDKEEQDLQDQNEENLFDLSL TGQP
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 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
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Restriction Sites:

Sgfl-Mlul

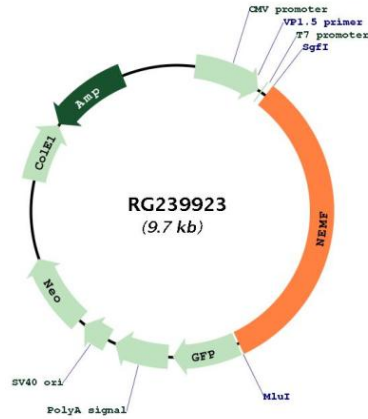
Cloning Scheme:


- ACCN:** NM_001301732
- ORF Size:** 3165 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).
- RefSeq:** [NM_001301732.2](#), [NP_001288661.1](#)
- RefSeq Size:** 4333 bp
- RefSeq ORF:** 3168 bp
- Locus ID:** 9147
- UniProt ID:** [O60524](#)
- Cytogenetics:** 14q21.3
- MW:** 121.2 kDa

Gene Summary:

This gene encodes a component of the ribosome quality control complex. The encoded protein facilitates the recognition and ubiquitination of stalled 60S subunits by the ubiquitin ligase listerin. A similar protein in fly functions as a tumor suppressor. [provided by RefSeq, Jul 2016]

Product images:



Circular map for RG239923