

Product datasheet for **RG200846**

RNF26 (NM_032015) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	RNF26
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PSI00010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG200846 representing NM_032015
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGGCAGTGTACCTGGTAGTGAATGGGTGGGCTGGTGTGACGTGCTGACCTTGGTGTGGACC
TCAACTTCCTGCTGGTGTCTCCCTCTGGCTTCCCTGGCCTGGCTCTGGCTTCTGCTACAACCTGCC
GCACACGGTACTGACTAGTCTTCTGCACTTGGGCGCGGAGTCTTGCTTTCATTGCTGGCCTTGATCGAA
GCCGTGGTCCGGTTACATGTGGGGCTTGACAGCCTTGCTGTACTCTGCTGTATAGTGTGCTGCTCTGGCC
TAGAGAGCCTAAAGCTCCTGGGGCACCTGGCCTCTCATGGGCACTGCGGAGCAGGGAGATACTGCACCG
GGGCGTCTCAATGTGGTCTCCAGTGGCCATGCTTTGCTGCGCCAGGCTGTGACATCTGTGCCATTGCC
ATGAGCCTGGTGGCTTATGTGATCAACAGCCTGGTCAACATCTGCCTCATCGGCACTCAGAACCTCTTTT
CCCTGGTGTGGCCTGTGGGATGACGTGACCGGGCCTCTGTGGAGGATGACAGACGTAGTGGCTGCCTT
CCTAGCCACATTTCCAGCAGTGTGTGGCCATGGCCATCCTCCTTTGGACACCCTGCCAACTAGCCCTG
GAGCTGCTGGCCTCAGTGGCCGCTCTGGCCAGCTTTGTGCTTGTCAATCTCACTGGCTTGGTGTTC
TAGCTTGTGTGCTGGCAGTGACGGTGAATGTTGCATCCGGAATTCACCTGAGGCTGGCTACCCAGGC
ACTCAGCCAGCTCCATGCCCGCCATCCTACCACCGTCTTCGAGAGGATGTGATGCGGCTCTCTGCCTA
GCACTGGGCTCAGAGGCCTGGCGCCGAGTCTGGAGCCGAGTCTGACGTGGCAGTTGGCCAAACCGGG
GAGGGGCACCTGGAGCTCCCCAGGGTGACCCTATGAGGGTATTCTCAGTTAGGACCCGGAGACAGGACAC
TCTTCTGAAGCGGGGCGCAGATCAGAGGCAGAAGAGGAGGAGGCCAGGACCATCAGAGTGACACCTGTC
AGGGGCGGAGAGAGCTCAATGAGGAGGAGCCTCAGGTGGGAAGACCTTGGAATTGCTGAAGGAGC
AAGAGGAGCGGAAGAAGTGTGTCATCTGCCAGGACCAGAGCAAGACAGTGTGCTCCTGCCCTGCCGGCA
TCTGTGCTGTGCCAGGCTGCACTGAAATCCTGATGCGCCACCCGCTTACCACCGCAATTGCCCGCTC
TGCCGCGGGGCATCCTGCAGACCCTCAATGTCTACCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



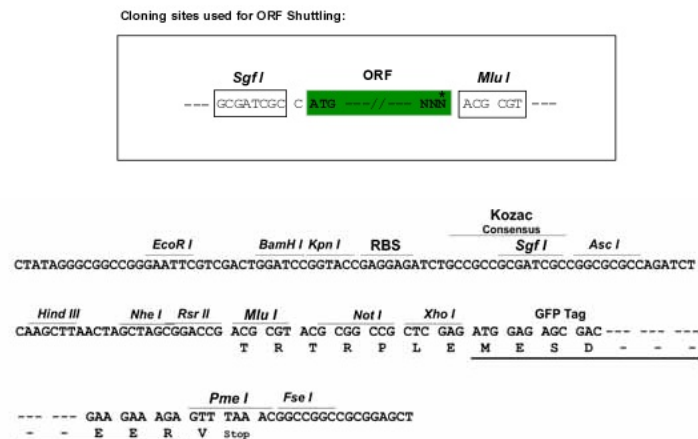
Protein Sequence: >RG200846 representing NM_032015
Red=Cloning site Green=Tags(s)

MEAVYLVVNGLGVLVDVLTVLVDLNFLLVSSLLASLAWLLAFVYNLPHTVLTSLHLGRGVLLSLALIE
AVVRFTCGGLQALCTLLYSCCSGLESLKLLGHLASHGALRSREILHRGVNLVVSSGHALLRQACDICAIA
MSLVAYVINSLVNICTLIGTQNLFSVLALWDAVTGPLWRMTDVAAFLAHISAVAMAILLWTPCQLAL
ELLASAAARLLASFVLNLTGLVLLACVLAVTVTLHPDFTLRLATQALSQLHARPSYHRLREDVMRLSRL
ALGSEAWRRVWSRSLQLASWPNRGGAPGAPQGDPMRVFSVRTRRQDTLPEAGRRESEAEEDARTIRVTPV
RGRERLNREEPPGGQDPWKLKEQEERKKCVICQDQSKTVLLPCRHLCLCQACTEILMRHPVYHRNCPL
CRRGILQTLNVYL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032015

ORF Size: 1299 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_032015.2](#)

RefSeq Size: 2836 bp

RefSeq ORF: 1302 bp

Locus ID: 79102

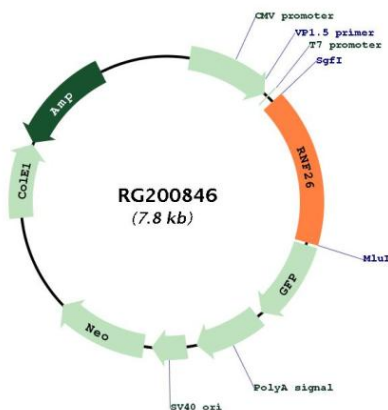
UniProt ID: [Q9BY78](#)

Cytogenetics: 11q23.3

Protein Families: Druggable Genome, Transmembrane

Gene Summary: The protein encoded by this intronless gene contains a C3HC5 type of RING finger, a motif known to be involved in protein-DNA and protein-protein interactions. The expression of this gene was found to be upregulated in cancer cell lines derived from different types of cancer. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG200846