

Product datasheet for **RG215823**

WWC3 (NM_015691) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	WWC3
Synonyms:	BM042
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >RG215823 representing NM_015691
Red=Cloning site Blue=ORF Green=Tags(s)

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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215823 representing NM_015691

Red=Cloning site Green=Tags(s)

MDHINKLTQIEDPREQWRREQERMLKEYLIVAQEALNAKKEIYQIKQQRFLAQEEYQQLHKMCEDDSRS
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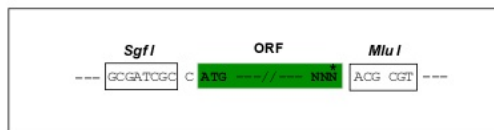
TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



CTATAGGCGCGCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCGCCAGATCT

EcoRI BamHI KpnI RBS Kozac Consensus SgfI AscI

CAAGCTTAAGTACTAGTACGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- ---

HindIII NheI RsrII MluI NotI XhoI GFP Tag

T R T R P L E M E S D - - -

--- --- GAA GAA AGA GTT TAA ACGGCCGCCCGGAGCT

- - E E R V Stop

ACCN:

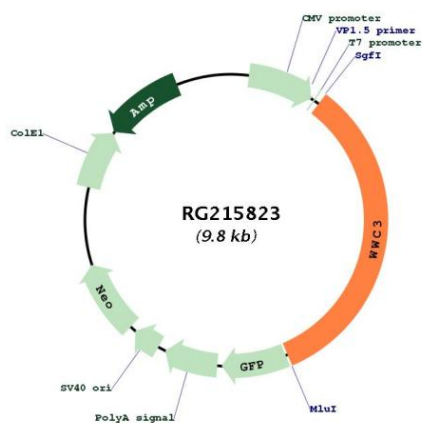
NM_015691

ORF Size:

3276 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_015691.4
RefSeq Size:	6463 bp
RefSeq ORF:	3279 bp
Locus ID:	55841
UniProt ID:	Q9ULE0
Cytogenetics:	Xp22.2
Gene Summary:	This gene encodes a member of the WWC family of proteins, which also includes the WWC1 (KIBRA) gene product and the WWC2 gene product. The protein encoded by this gene includes a C2 domain, which is known to mediate homodimerization in the related WWC1 gene product. [provided by RefSeq, Sep 2011]

Product images:



Circular map for RG215823