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Product datasheet for MG216946

Wdr90 (NM_001163766) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Wdr90
Synonyms:	3230401M21Rik; AI551153; mKIAA1924
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG216946 representing NM_001163766
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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GATCCC

ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG216946 representing NM_001163766
Red=Cloning site Green=Tags(s)

MAGGSGARETRCRQGSRPGSPGSEVPAASVTGPRAEARPAGGGGGSRRAAPDRCSGGVPSAAWQHPFLNV
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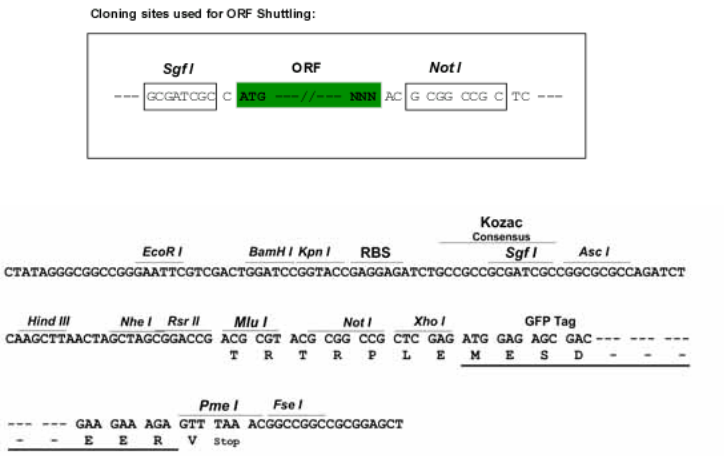
DP

TRPLE - GFP Tag - V

Restriction Sites: SgfI-NotI

Cloning Scheme:



ACCN: NM_001163766

ORF Size: 5676 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_001163766.1, NP_001157238.1

RefSeq Size: 6068 bp

RefSeq ORF: 5679 bp

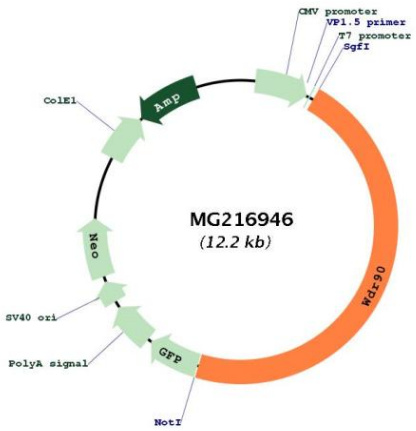
Locus ID: 106618

UniProt ID: Q6ZPG2

Cytogenetics: 17 A3.3

Gene Summary: Required for efficient primary cilium formation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG216946