OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
CN: techsupport@origene.cn

Product datasheet for MG209430

Zfp653 (NM_177318) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Zfp653
Synonyms:	E430039K05Rik; Znf653
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

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ORF Nucleotide Sequence:

>MG209430 representing NM_177318
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGGCGCGCCC

ATGGCGGAGCGGGCTCCAGAGCCCGGGGCGGAGGCGGAGGCGGGCGCAGGCGGGGAGGCGGCGGCAGAGG
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TGCGGGTACCAGTGTCGGCAGCGTGCTTCGCTCAATTGGCACATGAAGAAGCACACAGCCGAGGTGCAGT
ACAACTTCACGTGCGATCGCTGCGGGAAGCGCTTCGAGAAGCTGGACAGTGTCAAGTTCCACACGCTCAA
AAGCCACCCGGACCACAAACCTACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209430 representing NM_177318
Red=Cloning site Green=Tags(s)

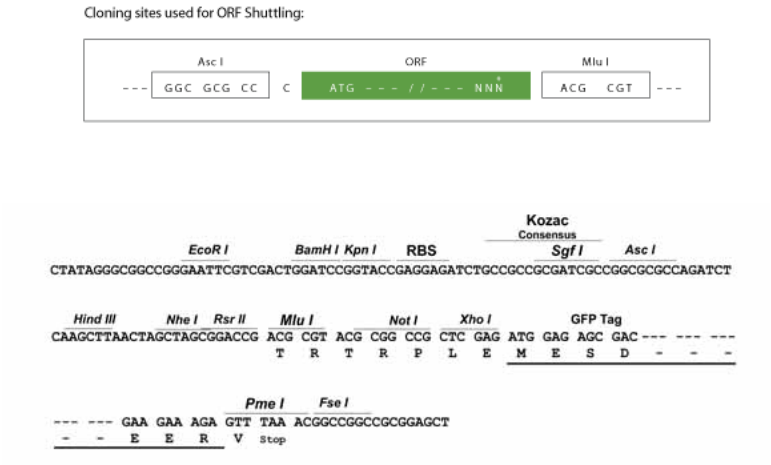
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VHRKGKTKVCPHPGCGKKFYLSNHLRRHMIIHSGVREFTCETCGKSFKRKNHLEVHRRTHTGETPLQCEI
CGYQCRQRASLNWHMKKHTAEVQYNFTCDRCGKRFEKLDSVKFHTLKSHPDHKPT

TRTRPLE - GFP Tag - V

Restriction Sites: AscI-MluI

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Cloning Scheme:



ACCN: NM_177318

ORF Size: 1845 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.

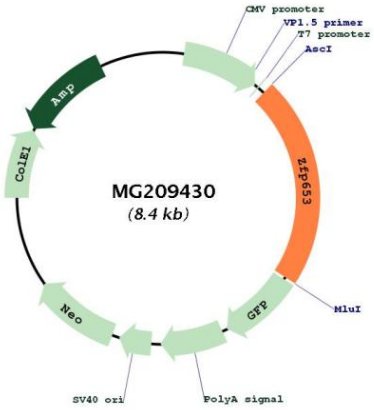
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_177318.3

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RefSeq Size:	2174 bp
RefSeq ORF:	1848 bp
Locus ID:	319601
UniProt ID:	Q8BHR7, Q6YND2
Cytogenetics:	9 A3
Gene Summary:	Transcriptional repressor. May repress NR5A1, PPARG, NR1H3, NR4A2, ESR1 and NR3C1 transcriptional activity (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG209430

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