

## Product datasheet for **MG209886**

### **Foxred2 (NM\_001017983) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxred2 (NM_001017983) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Foxred2
Synonyms:	A430097D04Rik; D15Bwg0759e; Gm304
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide  
Sequence:

>MG209886 representing NM\_001017983  
Red=Cloning site Blue=ORF Green=Tags(s)

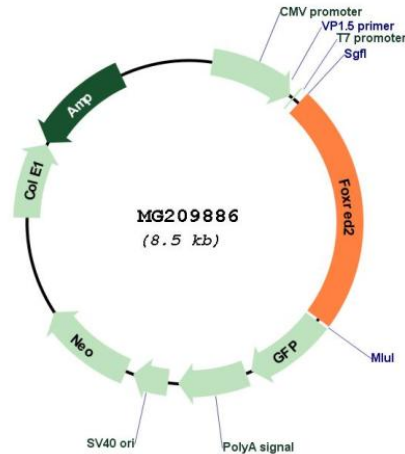
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GCCGCGATCGCC

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CTGAGGACTACCGCCATGGAGAACAGCAATAGGTGGCTTGGTACCCTCCACAGCTCCAGAGCCTC  
TGACTCAATCCCTTGACAGCAACAAAGAGGAGCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



## Plasmid Map:



ACCN: NM\_001017983

ORF Size: 1995 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.

RefSeq: [NM\\_001017983.1](#), [NP\\_001017983.1](#)

RefSeq Size:	4812 bp
RefSeq ORF:	1998 bp
Locus ID:	239554
UniProt ID:	<a href="#">Q3USW5</a>
Cytogenetics:	15 36.92 cM
Gene Summary:	Probable flavoprotein which may function in endoplasmic reticulum associated degradation (ERAD). May bind non-native proteins in the endoplasmic reticulum and target them to the ubiquitination machinery for subsequent degradation (By similarity).[UniProtKB/Swiss-Prot Function]