

Product datasheet for **MG223904**

Pou2f3 (NM_011139) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou2f3 (NM_011139) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pou2f3
Synonyms:	Epoc-1; Oct-11a; Oct11; Otf-11; Otf11; Skin; Skin-1a; Skn-1a; Skn-li
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223904 representing NM_011139 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGTGAATCTGGAGCCCATGCACACAGAGATCAAGATGAGTGGGGATGTCGCTGATTCCACGGACACCC
 GCAGCACTTTCCGTCAAGTGGAGCCAGGAAATGATCGAAATGGCCTAGATTTCAACAGACAGATTAAGAC
 GGAGGATCTGGGTGACTCTACAGCAGACCCTCTCCACAGGCCATGCCACCTGAGCCAAGGACCTACC
 ATGATGCCTGGAACCAATGTCTGGGGACATGGCTTCTCTCCATCCACTCCAGCAGCTCGTGCTGGTCC
 CTGGCCACTTGCACTCTGTATCCAGTTCTGCTTTCCAGACCCACCTGGGCAGCAAGGTCTGCAGCC
 GAATCTTCTCTCCTTTCCACAGCAACAAAGCACTCTACTCTCCACAGACAGGGCTGGCCTTGCTCTCC
 CAGGCAGTTGGGCGCCCTGGGCTATCAGGATCCTCTTTAGAGCCCCACCTGGACGCTCCTCAACACCTGC
 CAGGGCCCAAGCATCTGCCTGGCCCCGGAGGGAATGATGAGCCCACTGACCTGGAGGAGCTGGAGAAGTT
 CGCCAAGACCTTCAAGCAGAGACGCATTAAGCTAGGCTTACACAGGGAGATGTGGGACTGGCGATTGGGA
 AAGCTGTATGGCAATGACTTCAGCCAGACTACCATCTCGCGATTTGAGGCCCTCAACCTGAGCTTCAAGA
 ACATGTGCAAACTCAAGCCACTGCTGGAGAAGTGGTTGAATGATGCAGAGTCTCCCCGTGAGACCTTC
 AGCGAGCACACCCAGCTCCTACCCCACTCTCAGCGAAGTGTGGCAGGAAGAGGAAGAAACGGACCAGC
 ATCGAGACCAACATACGCCTGACTTTGGAGAAGCGATTTCAAGATAACCCGAAACCCAGCTCGGAAGAGA
 TCTCCATGATTGCGGAGCAGTTATCGATGGAGAAGGAGGTGGTGAGAGTCTGGTTCTGCAATCGACGCCA
 AAAGGAGAAGAGAATCAACTGCCCGTGGCCACCCCTGTCAAACACCCCTCTACAACCTCCCGGCTGGTC
 TCTCCCTCAGGGTCTCTGGGCCCTCTCAGTCCCTCCTGTCCACAGCACCATGCCTGGAACAGTAACGT
 CATCCTGTTCCCTGGGAACAACAGCAGGCCTTCGTCTCCTGGTTCAGGACTCCATGCCAGCAGCCCCAC
 AGCATCTCAAAATAACTCAAAGCAGCAATGAATCCTCCTCCTCCAGCTTTAACTCCTCGGGATCA
 TGGTACCGTTGGAATCATCCTACCTACCTCCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223904 representing NM_011139
 Red=Cloning site Green=Tags(s)

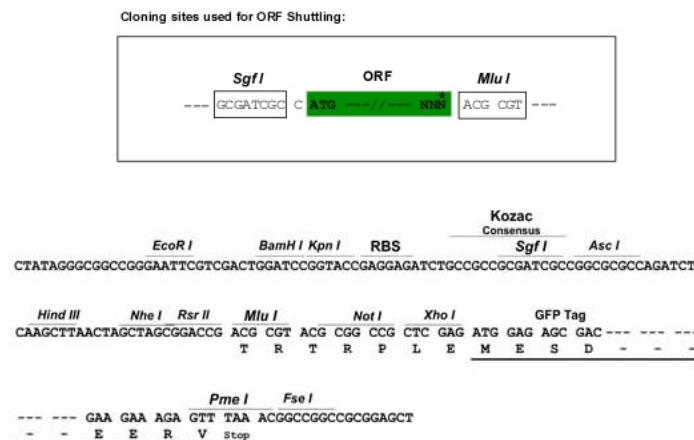
MVNLEPMHTEIKMSGDVADSTDTRSTFGQVEPGNDRNGLDFNRQIKTEDLGDSLQQTLSHRPCHLSQGPT
 MMPGNQMSGDMASLHPLQQLVLVPGHLQSVSQFLLSQTPPGQQGLQPNLLSFPQQSTLLLPQTGPGLAS
 QAVGRPGLSGSSLEPHLDAPQHLPQKHLPGPGGNDEPTDLEELKFAKTFKQRRIKLGFTQGDVGLAMG
 KLYGNDFSQTTISRFEALNLSFKNMCKLKPLLEKWLNDAESSSDPSASTPSSYPTLSEVFGRRKKRTS
 IETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQKEKRINCPVATPVKPPPIYNSRLV
 SPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSSPGSLHASSPTASQNNKAAMNSSSSSSFNSSGS
 WYRWNHPTYLH

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_011139

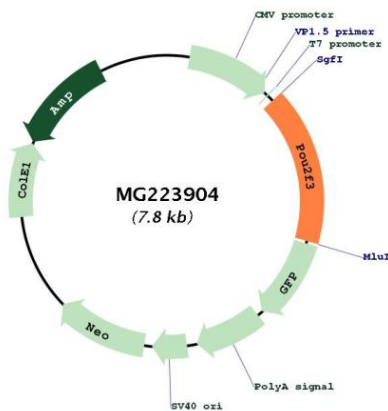
ORF Size: 1293 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:	<u>NM_011139.2</u> , <u>NP_035269.2</u>
RefSeq Size:	2522 bp
RefSeq ORF:	1296 bp
Locus ID:	18988
Cytogenetics:	9 24.21 cM

Product images:



Circular map for MG223904