

Product datasheet for **MR223904**

Pou2f3 (NM_011139) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pou2f3 (NM_011139) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pou2f3
Synonyms:	Epoc-1; Oct-11a; Oct11; Otf-11; Otf11; Skin; Skin-1a; Skn-1a; Skn-li
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR223904 representing NM_011139
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGTGAATCTGGAGCCCATGCACACAGAGATCAAGATGAGTGGGGATGTCGCTGATTCCACGGACACCC
 GCAGCACTTTCGGTCAAGTGGAGCCAGGAAATGATCGAAATGGCCTAGATTTCAACAGACAGATTAAGAC
 GGAGGATCTGGGTGACTCTCTACAGCAGACCCTCTCCACAGGCCATGCCACCTGAGCCAAGGACCTACC
 ATGATGCTGGAAACCAATGTCTGGGGACATGGCTTCTCTCCATCCACTCCAGCAGCTCGTGCTGGTCC
 CTGGCCACTTGCACTGTATCCAGTTCTGCTTTCAGACCCACCTGGGCAGCAAGGTCTGCAGCC
 GAATCTTCTCTCTTTCCACAGCAACAAAGCACTCTACTCTCCACAGACAGGGCTGGCCTTGCTTCC
 CAGGCAGTTGGGCGCCCTGGGCTATCAGGATCCTTTAGAGCCCCACCTGGACGCTCTCAACACCTGC
 CAGGGCCCAAGCATCTGCCTGGCCCGGAGGGAATGATGAGCCCACTGACCTGGAGGAGCTGGAGAAGTT
 CGCCAAGACCTCAAGCAGAGACGATTAAGCTAGGCTTCACACAGGGAGATGTGGGACTGGCGATGGGA
 AAGCTGTATGGCAATGACTTCAGCCAGACTACCATCTCGCGATTTGAGGCCCTCAACCTGAGCTTCAAGA
 ACATGTGCAAACTCAAGCCACTGCTGGAGAAGTGGTTGAATGATGCAGAGTCTCCCCGTGAGACCTTC
 AGCGAGCACACCCAGCTCCTACCCCACTCTCAGCGAAGTGTGGCAGGAAGAGGAAGAAACGGACACGC
 ATCGAGACCAACATACGCCTGACTTTGGAGAAGCGATTCAAGATAAACCAGAAACCCAGCTCGGAAGAGA
 TCTCCATGATTGCGGAGCAGTTATCGATGGAGAAGGAGGTGGTGAGAGTCTGGTTCTGCAATCGACGCCA
 AAAGGAGAAGAGAATCACTGCCCCGTGGCCACCCCTGTCAAACCACCCATCTACAACTCCCGGCTGGTC
 TCTCCCTCAGGGTCTCTGGGCCCCCTCTCAGTCCCTCCTGTCCACAGCACCATGCCTGGAACAGTAACGT
 CATCCTGTTCCCTGGGAACAACAGCAGGCCTTCGTCTCCTGGTTCAGGACTCCATGCCAGCAGCCCCAC
 AGCATCTCAAAATAACTCAAAGCAGCAATGAATCCTCCTCCTCCTCCAGCTTTAACTCCTCGGGATCA
 TGGTACCGTTGAATCATCTACCTACCTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223904 representing NM_011139
 Red=Cloning site Green=Tags(s)

MVNLEPMHTEIKMSGDVADSTDTRSTFGQVEPGNDRNGLDFNRQIKTEDLGDSLQQTLSHRPCHLSQGPT
 MMPGNQMSGDMASLHPLQQLVLVPGHLQSVSQFLLSQTPPGQQLQPNLLSFPQQQSTLLLPQTGPGLAS
 QAVGRPGLSGSSLEPHLDAPQHLPQPKHLPQPGGNDPTDLEELEKFAKTFKQRRRIKLGTQGDVGLAMG
 KLYGNDFSQTTISRFEALNLSFKNMCKLKPLLEKWLNDAAESSPSDPSASTPSSYPTLSEVFGRKRKKRTS
 IETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQKEKRINCPVATPVKPPPIYNSRLV
 SPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSSPGSLHASSPTASQNNKAAMNSSSSSFNSSGS
 WYRWNHPTYLH

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

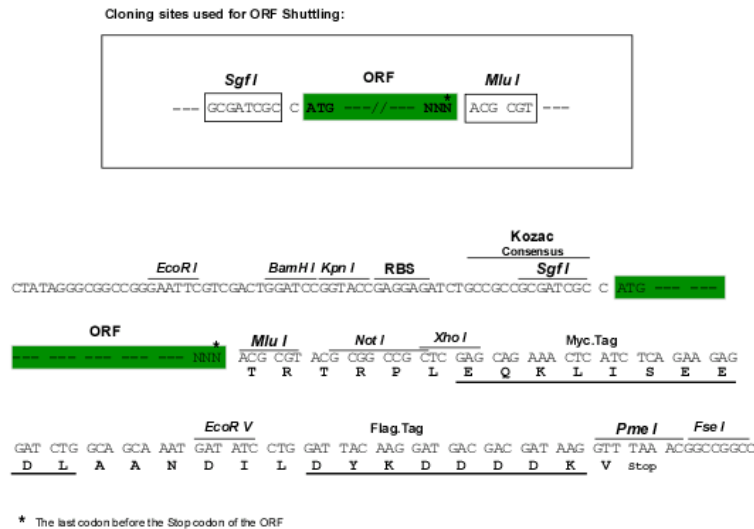
Chromatograms:

https://cdn.origene.com/chromatograms/ja1280_c05.zip

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.

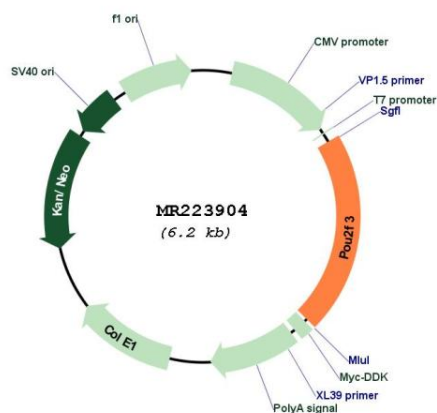
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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, NP_035269.2</u>
RefSeq Size:	2522 bp
RefSeq ORF:	1296 bp
Locus ID:	18988
Cytogenetics:	9 24.21 cM
MW:	47.4 kDa

Product images:



Circular map for MR223904