

Product datasheet for MR225757

Nr2f1 (NM_010151) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr2f1 (NM_010151) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nr2f1
Synonyms:	COUP-TF1; COUP-TFI; COUPTFA; EAR-3; EAR3; Erbal3; SVP44; Tfcoup1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225757 representing NM_010151 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAATGGTAGTTAGCAGCTGGCGAGATCCGCAGGACGACGTGGCCGGGGCAACCCCGCGGCCCA
 ACCCGCAGCGCAGGCAGCCCGCGGGCGCGCGCGCGGCGAGCAGCAGCAGGCGGGCTCCGCGCGCCGCA
 CACGCCGAGACCCCGGCCAGCCCGGAGCGCCCGCCACCCCGGCACGGCAGGGGACAAGGGCCAGGGC
 CCGCCCGGTTAGGCCAGAGCCAGCAGCACATCGAGTGCCTGGTGTGCGGGGACAAGTCGAGCGGAAGC
 ACTACGCCAATTCACCTGCGAGGGCTGCAAAAGTTTCTTCAAGAGGAGCGTCCGCAGGAACCTTAACCTA
 CACATGCCGTGCCAACAGGAACTGTCCCATCGACCAGCACCAACCGCAACCAAGTGCCAATACTGCCGCCTC
 AAGAAGTGCCCTCAAAGTGGGCATGAGGCGGAAGCGGTTAGCGAGGAAGAATGCCTCCAACCCAGCCCA
 ATCCAGGCCAGTATGCACTCACAAACGGGGATCCTCTCAATGGCCACTGTACCTGTCTGGCTACATTTT
 TCTGCTGCTGCGCGCAGAGCCCTACCCACGTCGCGTTATGGCAGCCAGTGCATGCAGCCCAACAACATC
 ATGGGCATCGAGAACATCTGCGAGCTGGCAGCCCGCCTCCTCTTACGCGCCGTCGAGTGGGCCCGCAACA
 TCCCGTTCTTCCCGATCTGCAGATCACGACCAAGGTGTCTCTGCTGCGCCTCACCTGGAGCGAGCTGTT
 CGTGCTCAACGCGGCCAGTGCTCCATGCCCTGCACGTGGCGCCGCTGCTGGCCGACGCCGCTGCAC
 GCCTCGCCCATGTCCGCGGACCGCGTCGTGGCCTTCATGGACCACATCCGCATCTTTCAGGAACAGGTGG
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 AGATGCTGTGGCCTGTGCGATGCTGCCACATCGAAAGCCTGCAGGAGAAATCACAGTGTGCCCTGGAG
 GAGTATGTGAGAAGCCAGTACCCCAACAGCCAGCCGCTTTGGCAAAGTGTGCTGCGATTGCCCTCTC
 TTCGCACAGTGTCTCTCTGTATCGAGCAACTCTTCTCGTACGTTTGGTAGGTAAGTAACTCCCATCGA
 AACTCTCATCCGAGATATGTTGCTGTGAGGAGCAGTTTCAACTGGCCTTACATGTCCATCCAGTGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR225757 representing NM_010151
 Red=Cloning site Green=Tags(s)

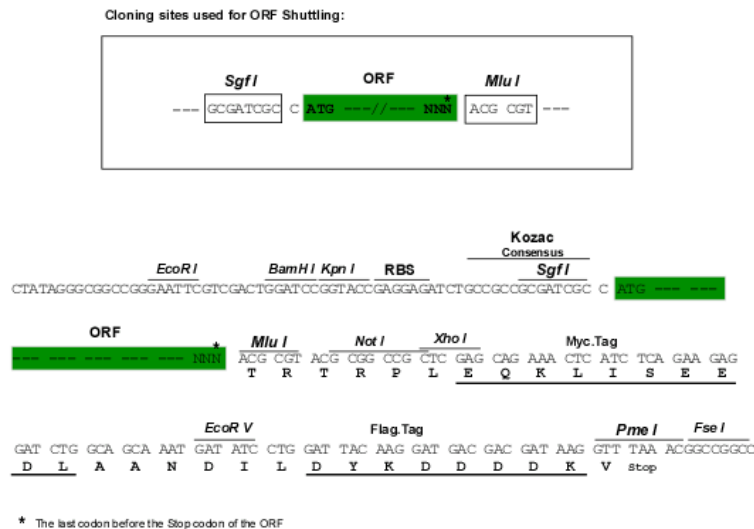
MAMVVSSWRDPQDDVAGGNPGGPNPAAQAARGGGGGEQQQAGSGAPHTPQTGPGAPATPGTAGDKGQG
 PPGSGQSQQHIECVVCGDKSSGKHYGQFTCEGCKSFFKRSVRRNLTYTCRANRNCPIQHHRNQCQYCR
 KKCLKVGMRRREAVQGRMPPTQPNPGQYALTNGDPLNGHCYLSGYISLLLRAEPYPTSRYGSQCMQPN
 MG IENICELAAARLLFSAVEWARNIPFFPDQLQITDQVSLRLTWSEFLVNAACSMPLHVAPLLAAAGLH
 ASPMSADRVVAFMDHIRIFQEVEKLKALHVDSEYSLKAIIVLFTSDACGLSDAAHIESLQEKSCQCALE
 EYVRSQYPNQPSRFGKLLRLPSLRTVSSSVIEQLFFVRLVGKTPITETLIRDMLLSGSSFNWPYMSIQCS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1972_d12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_010151

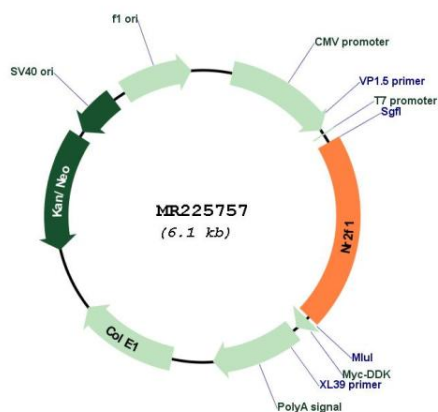
ORF Size: 1260 bp

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:	NM_010151.3
RefSeq Size:	2432 bp
RefSeq ORF:	1263 bp
Locus ID:	13865
UniProt ID:	Q60632
Cytogenetics:	13 41.38 cM
MW:	46.3 kDa
Gene Summary:	Coup (chicken ovalbumin upstream promoter) transcription factor binds to the ovalbumin promoter and, in conjunction with another protein (S300-II) stimulates initiation of transcription. Binds to both direct repeats and palindromes of the 5'-AGGTCA-3' motif. Represses transcriptional activity of LHCG (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225757