

Product datasheet for **MC204454**

Nr2f2 (NM_009697) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr2f2 (NM_009697) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr2f2
Synonyms:	2700033K02Rik; 9430015G03Rik; Aporp1; ARP-1; COUP-TF2; COUP-TFII; COUPTFB; EAR3; SVP40
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC042484
 CGAGGGAAACAAACAAACAAACACACCCGGGCCAGACAAGCAATCGACAAAACCTTTGCAAAAACAAAAAC
 AAAAAACAAAAAGGAAAAACTAACCAACCTCAATCAACTAGCCCTGAGCCACCCGGGGCGCCCTCCC
 GCGCCCTCTCGCACCTCGCACACAAAAAGGCGCGCGCCGGAGCCCGAGACCCGGGAGCCGCCGCCAC
 CCCGCCCGCCCGCAGCCAGGGGAGCAGAAGTCCGGACGCGGCCCCATAGATATGGCAATGGTAGTCA
 GCACGTGGCGCAGCCCCAGGACGAGGTGCCGGCTCTCAGGGCAGCCAGGCCTCGCAGGCGCCGCCGT
 GCCGGCCCGCCGCTGGCGCCCGCACACGCCCACAGACGCGCGGCCAAGGGGGCCCGCCAGCAGCCG
 GCCCAGACAGCGCTGGCGGCCAGGGCGCCCTGGCGGCCCGGGCAGCGACAAGCAGCAGCAGCAGCAGC
 ACATCGAGTGCCTGGTGTGCGGGACAAGTCGAGCGGCAAGCACTACGGCCAGTTACGTGCGAGGGCTG
 CAAGAGCTTCTTCAAGCGCAGCGTGCAGGAACTGAGCTACACGTGCCGCGCCAAACGGAACTGTCCC
 ATCGACCAGCACCACGCAACCAGTGCCAGTACTGCCGCTCAAAAAGTGCCTCAAAGTGGGCATGAGAC
 GGAAGCTGTACAGAGAGGCAGGATGCCTCTACCCAGCCTACCCACGGCAGTTTGGCCTGACCAACGG
 GGACCCCTCAACTGCCACTCGTACCTGTCCGGATATATTTCCCTGCTGCTGCGCGGGAGCCCTACCCC
 ACGTCGCGCTTCGGCAGTCAGTGCATGCAGCCTAACACATCATGGGCATCGAGAACATTTGCGAAGTGG
 CCGCACGATGCTCTTCAGCGCCGTTGAGTGGGCCGGAACATCCCTTCTTCCCTGACCTGCAGATCAC
 GGACCAGGTGGCCCTCCTTCGCCTCACCTGGAGCGAGCTGTTCTGTGTAATGCGGCCAGTGTCCATG
 CCCCTCCATGTCGCCCGCTCCTTGCCGCTGCTGGCCTGCACGCTTACCCTATGTGAGCCAGCCGGTGG
 TCGCTTTTATGGACCACATACGGATCTTCCAAGAGCAAGTGGAGAAGCTCAAGGCACTGCACGTGACTC
 CGCCGAGTATAGCTGCCTCAAGGCCATAGTCTGTTCACCTCAGATGCCTGTGGTCTGTCTGATGTAGCC
 CATGTGAAAAGCTTGCAGGAAAAGTCCCAGTGTGCTTTGGAAGAGTACGTTAGGAGCCAGTACCCCAACC
 AGCCAACACGGTTCGAAAAGCTTGTCTCGTCTCCCTCCCTCCGCACGGTCTCCTCCTCAGTCATAGA
 GCAATTTGTTTTTCGTCCGTTTGGTAGGTAACCCCATCGAAACCCCTCATCCGGGATATGTTACTGTCC
 GCAGCAGTTTTAACTGGCCATATATGGCAATTAATAAATAAATCAATCAAAAATAGGGGAGTGAAAC
 AGAGAAAAGAAAAGGCAAAAGACTGGTTTTGTTGCTTAATTTCCCTTCTGTTAAGAAAAGGATGTTACAAGT
 TTGCTAAAAAGAAAGAGAGGGGAAGAATTTAATGGACTGTGAATTTCAAAAAGGAGAGAGAAAAGAGAGA
 GACTGCCAAATGAACTTTTACAGAAATGCATTAAGAAAAGAAAAGAAAACAACTCCTGTGTTGGGCAGAA
 CAACCTGCTACTTATCATTTTTGTATAAAAAGGAAATAGTCTTTTTTTCTTTTTGGTAAATTTTTGAAA
 AATATTGCTAAAAGTGCATTTAAGGAGATTGGGAGAAAATTAGCAGAATGGACAAAGTAAGTCATTTTTT
 TCCAAATATTAATTGCTCTGTCTATGTACCTTAGTGTCTTTTTTTTTTTTTTTAACTTTTCTGGT
 TCCAAACCAGTTTATTCTGTGGTTCAATAATAAGTTTTGATATAATCTTGGCTTCTTAAAAACTGTGTAT
 CATTAAAAATATGTTCTGCAAGAATTAAGTCCATGAAAATAGCATAGGAAAACATAAACTTT
 AAAAGGCAACTCAGAGATGGTGGAAATGCACTTACAAGTGGTGGCCAAATTTGTTTTTTTTTTTTTTTT
 TTAAGGTAAAAGTTGAGCACTCTAATTAGCAAGCTGGGGGAATCACATCAACACTTAGCTCCCCACCCCC
 ACCCCATACCATGACAAACCTAGCTTTTTAAAAAAAATATTTAAGAAACAGAAGGAACTGTGGAATTTA
 TTGGCAGCCAAGGAATGTGTCCAAGACACAAGCTGAGGTTTTTGAATAAAAAGTGAACCTTTGTAAATTTG
 AATTGGTCCCCCCCCCTTAGTCTTGAATTTGTTATGAATCCTATATCTGTTTGTATATTTGCAAGCCCT
 TTGTATTATAATTGTTGATATTTCCCTTTTTAAAAAATACCATTGAAATCAGCATGACAAAATAACACT
 GTTGGCACTTATAGGTAACGTGATTGATCAGTATCTTAGAGTTTACAGTTTGTGTTTTTAAAAAAGTGA
 AGTTTTTTTTTTAAGTGAACATTTCTGTATACTGTAAGTTATAATAACTGAAGTGTGTTGGTCGAGT
 CTTTGTGTATTATTTCAAGGAAATTTGAAAGTATTCAGAAATTAATAATTTATTTGATATCTGAAAAAA
 AA
 AA

Restriction Sites: RsrII-NotI
 ACCN: NM_009697
 Insert Size: 1245 bp

OTI Disclaimer:	<p>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.</p> <p>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</p>
Components:	<p>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).</p>
Reconstitution Method:	<ol style="list-style-type: none">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:	BC042484 , AAH42484
RefSeq Size:	2828 bp
RefSeq ORF:	1245 bp
Locus ID:	11819
UniProt ID:	P43135
Cytogenetics:	7 38.66 cM
Gene Summary:	<p>Ligand-activated transcription factor. Activated by high concentrations of 9-cis-retinoic acid and all-trans-retinoic acid, but not by dexamethasone, cortisol or progesterone (in vitro). Regulation of the apolipoprotein A-I gene transcription. Binds to DNA site A (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).</p>