

Product datasheet for **SC324862**

NR2F2 (NM_001145157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NR2F2 (NM_001145157) Human Untagged Clone
Tag:	Tag Free
Symbol:	NR2F2
Synonyms:	ARP-1; ARP1; CHTD4; COUPTF2; COUPTFB; COUPTFII; NF-E3; SRXX5; SVP40; TFCOUP2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001145157, the custom clone sequence may differ by one or more nucleotides ATGCCGCGACCCAGCCGACCCACGGGAGTTCGCGCTGACCAACGGGGATCCCCTCAAC TGCCACTCGTACCTGTCCGATATATTTCCCTGCTGTTGCGCGCGGAGCCCTATCCCACG TCGCGCTTCGGCAGCCAATGCATGCAGCCCAACAACATCATGGGTATCGAGAACATTTGC GAACTGGCCGCGAGGATGCTCTTCAGCGCCGTCGAGTGGGCCCGAACATCCCCTTCTTC CCCACCTGCAGATCACGGACCAGGTGGCCCTGCTTCGCCTCACCTGGAGCGAGCTGTTT GTGTTGAATGCGGCGCAGTGCTCCATGCCCTCCACGTCGCCCGCTCCTGGCCGCGCC GGCCTGCATGCTTCGCCATGTCCGCCACCGGTTGGTCGCCTTTATGGACCACATACGG ATCTTCCAAGAGCAAGTGGAGAAGCTCAAGGCGCTGCACGTTGACTCAGCCGAGTACAGC TGCCCAAGGCCATAGTCTGTTACCTCAGATGCCTGTGGTCTCTCTGATGTAGCCCAT GTGGAAAGCTTGCAAGAAAAGTCTCAGTGTGCTTTGGAAGAATACGTTAGGAGCCAGTAC CCCAACCAGCCGACGAGATTTCGAAAAGCTTTTGCTTCGCCTCCCTCCCTCCGCACCGTC TCCTCCTCAGTCATAGAGCAATTGTTTTTCGTCGTTGGTAGGTAACCCCAATCGAA ACCTCATCCGGGATATGTTACTGTCCGGCAGCAGTTTTAACTGGCCGTATATGGCAATT CAA
Restriction Sites:	Please inquire
ACCN:	NM_001145157
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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_001145157.1](#), [NP_001138629.1](#)

RefSeq Size: 3962 bp

RefSeq ORF: 786 bp

Locus ID: 7026

UniProt ID: [P24468](#)

Cytogenetics: 15q26.2

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Gene Summary: This gene encodes a member of the steroid thyroid hormone superfamily of nuclear receptors. The encoded protein is a ligand inducible transcription factor that is involved in the regulation of many different genes. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

Transcript Variant: This variant (4) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (c) is shorter at the N-terminus compared to isoform a. Variants 3 and 4 both encode isoform c. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.