

Product datasheet for **SC314088**

NCOA5 (NM_020967) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOA5 (NM_020967) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCOA5
Synonyms:	bA465L10.6; CIA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314088 representing NM_020967.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAATACGGCTCCATCAAGACCCAGCCCCACGAAGGGATCCATATGGCTTTGGAGACAGTCGAGAT
TCAAGGCGTGATCGATCCCCAATTCGAGGAAGTCCAAGGAGAGAGCCAGGGATGGCAGAAATGGCCGG
GATGCCCGGGACAGCAGAGACATTTCGAGACCCCCGAGACTTGCGGGACCACAGACATAGTAGAGATTG
CGGGATCACAGAGACAGCAGGAGTGTGCGCAGCTTCGGGACGTGAGGGATCTTAGAGACTTTCTGTGAT
CTAAGAGACTCTAGGGATTTTCGAGATCAGCGAGACCCCATGTACGACAGATACAGAGACATGAGAGAC
TCCCGAGATCCTATGTACAGGAGAGAAGGCTCTTATGACCGATACCTACGAATGGATGACTATTGCAGG
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AGTCAGTCTCGTCAAAAGAGCGTTTGAACGTGAGGAACGGCGTAGAGAAGAGCTTTATCGTCAATAT
TTTGAGGAAATCCAGAGACGCTTTGATGCCGAAAGGCCGTTGATTGTTCTGTGATTGTGGTCAACAAA
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GAGCGGAAGGAGCGGCTGATGAGGAGCAGCACCAGCTCTGCTGGCCCGATTTCGCCCAACCACTC
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CTCTTCAATAGTGGCACAGTGACGGCCAATAGCAGCTCTGCATCCCCCTCGGTTGCTGCCGAAACACC
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CCTCCAAGCATTTTGGGACAGGGAGGATCTGCTCAGAACATGGGCCCCAGACCTGGGGCTCCTTCCAA
GGGCTTTTGGCCAGCCTTCCAGTCGCCTGGCACCTGCTAGCAACATGACTAGCCAGAGGCTGTGTCT
TCCACAGGTATCAACTTTGACAATCCAAGTGTACAGAAGGCTCTGGATACCCTGATCCAGAGTGGCCCT
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CAGAGGCATTACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_020967

Insert Size: 1740 bp

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).

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:	<u>NM_020967.2</u>
RefSeq Size:	3209 bp
RefSeq ORF:	1740 bp
Locus ID:	57727
UniProt ID:	<u>Q9HCD5</u>
Cytogenetics:	20q13.12
Domains:	HGTP_anticodon
Protein Families:	Druggable Genome, Transcription Factors
MW:	65.5 kDa
Gene Summary:	This gene encodes a coregulator for the alpha and beta estrogen receptors and the orphan nuclear receptor NR1D2. The protein localizes to the nucleus, and is thought to have both coactivator and corepressor functions. Its interaction with nuclear receptors is independent of the AF2 domain on the receptors, which is known to regulate interaction with other coreceptors. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2017] Transcript Variant: This variant (1) encodes the longest isoform (1).