

Product datasheet for **RG213539**

NCOA5 (NM_020967) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOA5 (NM_020967) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NCOA5
Synonyms:	bA465L10.6; CIA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG213539 representing NM_020967
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAATACGGCTCCATCAAGACCCAGCCCCACACGAAGGGATCCATATGGCTTTGGAGACAGTCGAGATT
 CAAGGCGTGATCGATCCCAATTCGAGGAAGTCCAAGGAGAGAGCCAGGGATGGCAGAAATGGCCGGGA
 TGCCCGGGACAGCAGAGACATTCGAGACCCCGAGACTTGCGGGACCACAGACATAGTAGAGATTTGCGG
 GATCACAGAGACAGCAGGAGTGTGCGCGACGTTGCGGACGTGAGGGATCTTAGAGACTTTCTGTATCTAA
 GAGACTCTAGGGATTTTCGAGATCAGCGAGACCCATGTACGACAGATACAGAGACATGAGAGACTCCCG
 AGATCCTATGTACAGGAGAGAAGGCTCTTATGACCGATACCTACGAATGGATGACTATTGCAGGAGAAAG
 GATGACTCTTATTTGACCGTTACAGAGATAGCTTTGATGGACGGGGCCCTCCAGGCCAGAAAGTCAGT
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 AATCCAGAGACGCTTTGATGCCGAAAGGCCGTTGATTGTTCTGTGATTGTGGTCAACAAACAGACAAAA
 GACTATGCTGAGTCTGTGGGGCGGAAGGTGCGAGACCTGGGCATGGTAGTGGACTTGATCTCTCTTAACA
 CAGAAGTGTCAGTGTACAAGCCTTGAGAGATGTTAGCAGGGGAGGTTCTCCTTTTGCTATTGTCATCAC
 CCAGCAACACCAGATTACCGCTCCTGCACAGTCAACATCATGTTTGAACCCCGCAAGAGCATCGCAAC
 ATGCCCAAGCAGATGCCATGGTGCTGGTGCCAGAAATTATGAGCGTTACAAGAATGAGTGCCGGGAGA
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 CTCGCTGAAGACACAGCCAAGCTCCCAACCGCTCCAGAGCGGCCAAGTGCTCCCTCTGCTACACCCACT
 CCATCTGCACCCCCACCTCCCAGCAAGAGCTTCAGGCCAAAATCCTCAGCCTCTTCAATAGTGGCACAG
 TGACGGCCAATAGCAGCTCTGCATCCCCCTCGTTGCTGCCGGAACACCCCAAACCAGAATTTTCCAC
 AGCAGCAACAGCCAGCCTCAACAAAGATCACAGGCTTCTGGCAATCAGCCTCCAAGCATTTTGGGACAG
 GGAGGATCTGCTCAGAACATGGGCCCCAGACCTGGGGCTCCTTCCAAGGGCTTTTGGCCAGCCTTCCA
 GTCGCTGGCACCTGCTAGCAACATGACTAGCCAGAGGCTGTGTCTTCCACAGGTATCACTTTGACAA
 TCCAAGTGACAGAAGGCTCTGGATACCCTGATCCAGAGTGGCCCTGCTCTCTCCACCTGGTTAGCCAG
 ACCACAGCACAGATGGGGCAGCCACAGGCCCCCATGGGATCTTACCAGAGGCATTAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG213539 representing NM_020967
 Red=Cloning site Green=Tags(s)

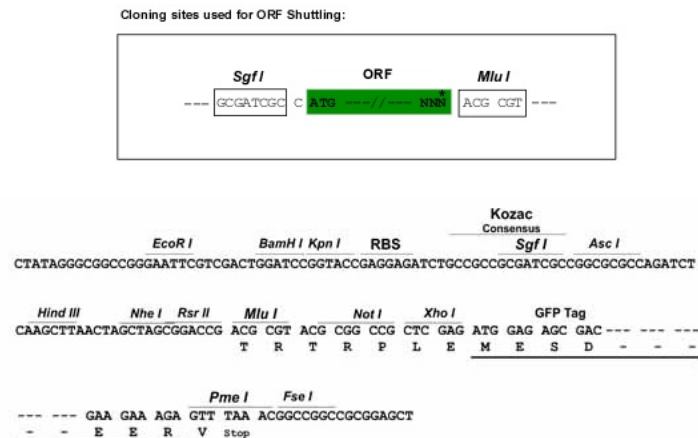
MNTAPSRPSPTRRDYPYGFDSRDSRRDRSPIRGSPRPREPRDGRNGRDARDSRDIRDPRDLRDHRHSRDLR
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 DDSYFDRYRDSFDGRGPPGPESQSRAKERLKRREERREELYRQYFEEIQRFFDAERPVDCSVIVVNQTK
 DYAESVGRKVRDLGMVVDLIFLNTEVLSQALEDVSRGGSPFAIVITQQHQIHRSTVNIMFGTPQEHRN
 MPQADAMVLVARNYERYKNECREKEREIARQAAMADEAILQERERGGPEEGVRGGHPPAIQSLINLLA
 DNRYLTAEETDKIINYLRERKERLMRSSTDLSLPGPISRQPLGATSGASLKTQPSSQPLQSGQVLPSATPT
 PSAPPTSQQELQAKILSLFNSGVTANSSASPSVAAGNTPNQNFSTAANSQPQQRSSQAGNQPPSILGQ
 GGSAGNMGP RP GAPSQGLFGQPSSRLAPASNMTSQRPVSSSTGINFDNPSVQKALDTLIQSGPALSHLVSQ
 TTAQMGPQAPMGSYQRHY

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_020967

ORF Size: 1737 bp

OTI Disclaimer: 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.

RefSeq: [NM_020967.3](#)

RefSeq Size: 3209 bp

RefSeq ORF: 1740 bp

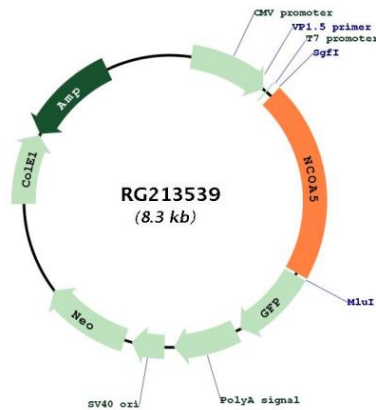
Locus ID: 57727

UniProt ID: [Q9HCD5](#)

Cytogenetics: 20q13.12

Domains:	HGTP_anticonodon
Protein Families:	Druggable Genome, Transcription Factors
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]

Product images:



Circular map for RG213539