

Product datasheet for **RG235063**

NCOA7 (NM_001199619) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOA7 (NM_001199619) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NCOA7
Synonyms:	dj187j11.3; ERAP140; ESNA1; Nbla00052; Nbla10993; NCOA7-AS; TLDC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RG235063 representing NM_001199619
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATACCAAGGAAGAGAAGAAGGAACCGAAACAAAGTTATTTTGTCTGACTGAAAAAGAAAAACAAG
CCAAACAAAATGCAGAGACAGCCTCAGCTGTAGCTACAAGGACTCATACTGGGAAGGAAGATAATAATAC
AGTAGTTTTAGAGCCAGACAAGTGAACATTGCTGTGGAAGAGGAATATATGACTGATGAGAAAAAAG
AGAAAAAGTAATCAGTTAAAGGAGATCAGGCGTACAGAACTAAAGAGATATTATAGTATTGATGACAATC
AAAAACAAACACATGATAAAAAAGAGAAGAAGATGGTGGTTTCAGAAAGCCCATGGGACTATGGAATACAC
TGCTGGAACACAGGACACCCTAACTCCATAGCACTGAAATTTAACATCACTCCCAATAAATTTGGTGAA
CTGAATAAACTTTTCACACATACTATTGTTCCAGGCCAGGTCCTTTTGTGCCAGATGCCAACTCTCCTT
CCAGTACCTTAAGGCTATCATCATCCAGTCTGGTGTACTGTCTCTCCTTCATCATCAGATGCAGAATA
TGATAAATGGCTGATGTGACTTAGCAGCAAAGGCCTTCAAACCCATTGAAAGAGTCTTATCGTCTACT
TCTGAAGAAGATGAGCCAGGTGTGGTGAATTTTTAAAAATGAATTGTGCGATACTTCACCGATGGAAGG
GTGTGGTTGGCGGTGTTATGATAGTGACTCCTAACAACATCATGTTTGACCCCTATAAATCTGATCCTCT
GGTTATTGAAAATGGGTGTGAGGAGTATGGTCTCATCTGCCCCATGGAAGAGGTTGTTCCATTGCGCTC
TACAATGACATTTCTCACATGAAGATCAAAGATGCCTTGCCATCTGACCTACCTCAGGATCTTTGTCCTC
TGTACAGGCCCTGGAGAATGGGAAGACCTGGCTTCAGAAAAGGATATCAACCCATTCAGTAAGTTCAAATC
TATCAACAAGGAAAAACGACAGCAGAATGGAGAGAAAATATGACTTCGGATTCCAGACCAATAGTACCT
TTGGAGAAGTCCACAGGACATACACCTACAAGCCCTCAGGCAGCTCTGTGTGAGAGAAAATTAAGAAAAC
TGGACTCTTAGGGAGACATCCCATGGTTCTCCACAGTGACTAAGCTCAGCAAGGAACCTTCCGACAC
TTCTTCTGCATTTGAATCTACAGCCAAAAGAAAACCTTCTAGGGGAAGATGATGATTTTGTGACTTGGAA
GAACCTTTCTTCTCAAACCTGGTGGTGAATGCACAAAAAGACACCTTGAAGGAGTGCCTTTCTCTTGACC
CAGAGGAACGAAAGAAAGCTGAGTCACAAATAACAATTTCTGCCGTGGAATGCAGGTGCAGTCAGCCCT
AGCCTTTTTGGGAACAGAGAATGATGTTGAACTGAAGGGGGCGCTAGATTTAGAAACCTGTGAGAAGCAA
GATATAATGCCAGAAGTGGACAAGCAGTCTGGTTCCGACAGAAAGCCGAGTAGAAAACACACTGAACATAC
ATGAAGATTTAGATAAAGTTAACTCATTGAATATTACCTGACTAAGAACAAGAAAGGGCCACAGGTATC
TGAAAATTTGAGAAAACAGAATTAAGTATGAAAAAGTATTGAACCAGGGGAATAGACATTACCTT
AGTAGTCTCTTTCCAGGCGGGTATCCATAACTGAGGGCAATAAAGAGCCAGATAAGACCTGGGTGA
AAAAGGGAGAGCCCTCCCGGTAAAACCTGAACTTCTACAGAAGCAAAATGTGATTAAGAGGCTCTAGA
CTCCTCTTTGGAATCTACTCTGGACAACAGCTGTCAAGGTGCACAAATGGATAATAAATCTGAAGTTCAG
TTGTGGCTGTTAAAGAGAATTCAGGTACCCATTGAAGATATACTTCTTCAAAGAAAGAAAAAGCAAGA
CCCCACCCATGTTCTGTGCATCAAAGTGGGAAAACCAATGAGAAAATCCTTTGCCACTCACACTGCAGC
CATGGTCCAGCAGTACGGCAAACGGAGAAAAGCAGCCAGAGTACTGGTTTGTCTCCTCGGGAGAGGGTG
GATCATTTGTACACATTTTGTTCAGTGGTCTCCCGATGTCTATGGAAGATGCCAAAGAGCAAGGCT
TTGTGGTGGTGGAGAAGGAAGAAGTGAACATGATTGACAACTTCTCAGTGAGCCAACAACCAAGAGCTG
GGAGATCATCACTGTTGAAGAGGCAAAGCGCAGGAAGAGCACATGCAGCTACTATGAAGACGAGGACGAA
GAGGTGCTGCCTGTCTACGGCCCCACAGCGCGCTCCTGGAGAATATGCACATCGAGCAGCTGGCCCGAC
GCCTTCTGCAAGGGTGAAGGGTATCCATGGAGACTGGCCTATAGCACGTTAGAGCACGGGACCAGCTT
AAAGACGCTCTACCGAAATCGGCATCACTAGACAGTCTGTCTATTGGTCATCAAAGATATGGATAAT
CAGATTTTTGGAGCATATGCAACTCATCTTTCAAGTTCAGTGACCACTATTATGGCACAGGCGAAACTT
TTCTCTACACATTCAGCCCTCATTTAAGGTCTTTAAGTGGAGTGGAGAAAATTCATACTTTATCAATGG
AGACATAAGTTCTTTAGAAGTGGTGGTGGAGGGGACGATTTGGTTTATGGCTAGATGCTGATTTATAC
CACGGACGAAGCAACTTTGCAGCACTTCAATAATGATATTCTTTCAAAGGAAGACTTCATAGTTC
AGGATCTGGAGGTGTGGCATTGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG235063 representing NM_001199619
 Red=Cloning site Green=Tags(s)

MDTKEEKKERKQSYFARLKKKKQAKQNAETASAVATRTHTGKEDNNTVVLEPDKCNIAVEEEYMTDEKKK
 RKSNDLKEIRRETELKRYYSIDDNQNKTHDKKEKMMVVQKPHGTMEYTAGNQDTLNSIALKFNITPNKLV
 LNKLFTHITVPGQVLFVPDANSPSSTLRLSSSSPGATVSPSSSDAEYDKLPDADLARKALKPIERVLSST
 SEEDEPGVVFKLKMCRYFTDGKGVVGGVMIVTPNNIMFDPHKSDPLVIENGCEEYGLICPMEEVVSIAL
 YNDISHMKIKDALPSDLPODLCPLYRPGEWEDLASEKDINPFSKFKSINKEKRQQNGEKIMTSDSRPIVP
 LEKSTGHPTPKPSGSSVSEKLLKLDSSRETSHGSPVTVKLSKEPSDTSSAFESTAKENFLGEDDDFVDLE
 ELSSQTGGMHKKDTLKECLSLDPEERKKAESQINNSAVEMQVQSALAFVLTENDVELKGDLETCEKQ
 DIMPEVDKQSGSPESRVENTLNIHEDLDKVKLIEYYLTKNKEGPQVSENKQKTELSDGKSIIEPGGIDITL
 SSSLQAGDPITEGNKEPKTWVKKGEPLPVKLNSTEANVIKEALDSSLESTLDNSCQGAQMDNKSEVQ
 LWLLKRIQVPIEDILPSKEEKSKTPMFLCIKVGKPMRKSFAHTAAMVQQYGKRRKQPEYWFVPRERV
 DHLTYTFVQWSPDVYGDQAKQGFVVVEKEELNMIDNFFSEPTTKSWEIITVEEAKRRKSTCSYEDEDE
 EVLPVLRPHSALLENMHIEQLARRLPARVQGYPWRLAYSTLEHGTSLKTLRKSASLSDSPVLLVIKMDMN
 QIFGAYATHPFKFSOHYGTGETFLYTFSPHFVKVFKWGENSYFINGDISSELGGGGGRFGLWLDADLY
 HGRSNCSSTFNNDILSKKEDFIVQDLEWVAFD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

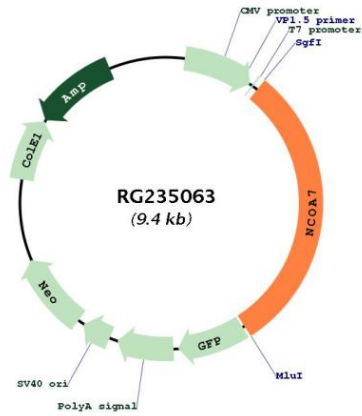


ACCN: NM_001199619

ORF Size: 2826 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:	<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:	NM_001199619.2
RefSeq Size:	6440 bp
RefSeq ORF:	2829 bp
Locus ID:	135112
UniProt ID:	Q8NI08
Cytogenetics:	6q22.31-q22.32
Protein Families:	Druggable Genome
Gene Summary:	Enhances the transcriptional activities of several nuclear receptors. Involved in the coactivation of different nuclear receptors, such as ESR1, THRB, PPARG and RARA. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG235063