

Product datasheet for **RG235064**

NCOA7 (NM_001199620) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCOA7 (NM_001199620) 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)



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ORF Nucleotide
Sequence:

>RG235064 representing NM_001199620
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATACCAAGGAAGAGAAGAAGGAACCGAAACAAAGTTATTTTCTCGACTGAAAAAGAAAAACAAG
 CCAACAAAATGCAGAGACAGCCTCAGCTGTAGCTACAAGGACTCATACTGGGAAGGAAGATAATAATAC
 AGTAGTTTTAGAGCCAGACAAGTCAACATTGCTGTGGAAGAGGAATATATGACTGATGAGAAAAAAG
 AGAAAAAGTAATCAGTTAAAGGAGATCAGGCGTACAGAACTAAAGAGATATTATAGTATTGATGACAATC
 AAAACAAAACACATGATAAAAAAGAGAAGAAGATGGTGGTTTCAAGGCCCATGGGACTATGGAATACAC
 TGCTGGAACACAGGACACCCTAACTCCATAGCACTGAAATTTAACATCACTCCCAATAAATTTGGTGAA
 CTGAATAAACTTTTACACATACTATTGTTCCAGGCCAGGTCCTTTTGTGCCAGATGCCAACTCTCCTT
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 GTGTGGTTGGCGGTGTTATGATAGTGACTCCTAACAAACATCATGTTTGACCCCTATAAATCTGATCCTCT
 GGTATTGAAAATGGGTGTGAGGAGTATGGTCTCATCTGCCCCATGGAAGAGGTTGTTCCATTGCGCTC
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 CACGGACGAAGCAACTTTGCAGCACTTTCAATAATGATATTCTTTCAAAGGAAGACTTCATAGTTC
 AGGATCTGGAGGTGTGGCATTGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG235064 representing NM_001199620
 Red=Cloning site Green=Tags(s)

MDTKEEKKERKQSYFARLKKKKQAKQNAETASAVATRTHTGKEDNNTVVLEPDKCNIAVEEEYMTDEKKK
 RKSNDLKEIRRETELKRYYSIDDNQNKTHDKKEKMMVVQKPHGTMEYTAGNQDTLNSIALKFNITPNKLVE
 LNKLFTHTIVPGQVLFVPDANSPSSTLRLSSSSPGATVSPSSSDAEYDKLPDADLARKALKPIERVLSST
 SEEDEPGVVFKLKMCRYFTDGKGVVGGVMIVTPNNIMFDPHKSDPLVIENGCEEYGLICPMEEVVSIAL
 YNDISHMKIKDALPSDLPODLCPLYRPGEWEDLASEKDINPFSKFKSINKEKRQQNGEKIMTSDSRPIVP
 LEKSTGHPTPKPSGSSVSEKLLKLDSSRETSHGSPVTVLKSKEPSDTSSAFESTAKENFLGEDDDFVDLE
 ELSSQTGGGMHKKDTLKECLSLDPEERKKAESQINNSAVEMQVQSALAFVLTENDVELKGDLETCEKQ
 DIMPEVDKQSGSPESRVENTLNIHEDLDKVKLIEYYLTKNKEGPQVSENKQKTELSDGKSIIEPGGIDITL
 SSSLQAGDPITEGNKEPKTWVKKGEPLPVKLNSTEANVIKEALDSSLESTLDNSCQGAQMDNKSEVQ
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 DHLTYTFVQWSPDVYGDQAKQGFVVVEKEELNMIDNFFSEPTTKSWEIITVEEAKRRKSTCSYEDEDE
 EVLPVLRPHSALLENMHIEQLARRLPARVQGYPWRLAYSTLEHGTSLKTLRKSASLDSPVLLVIKMDMN
 QIFGAYATHPFKFSOHYGTGETFLYTFSPHFVKVFKWGENSYFINGDISSELEGGGGRFGLWLDADLY
 HGRSNCSSTFNNDILSKKEDFIVQDLEWVAFD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

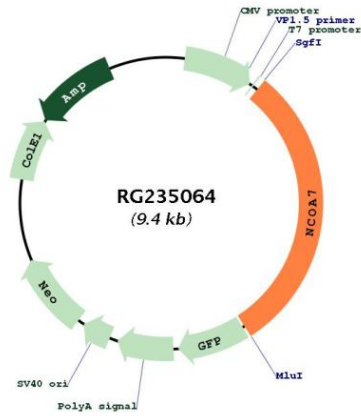


ACCN: NM_001199620

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_001199620.2
RefSeq Size:	6558 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 RG235064