

Product datasheet for **RG226265**

NCOA7 (NM_001122842) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | NCOA7 (NM_001122842) 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:

>RG226265 representing NM_001122842
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATACCAAGGAAGAGAAGAAGAACGAAACAAAGTTATTTTGTCTGACTGAAAAAGAAAAACAAG
 CCAACAAAAATGCAGAGACAGCCTCAGCTGTAGCTACAAGGACTCATACTGGGAAGGAAGATAATAATAC
 AGTAGTTTTAGAGCCAGACAAGTCAACATTGCTGTGGAAGAGGAATATATGACTGATGAGAAAAAAG
 AGAAAAAGTAATCAGTTAAAGGAGATCAGGCGTACAGAACTAAAGAGATATTATAGTATTGATGACAATC
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 TGCTGGAACACAGGACACCCTAACTCCATAGCACTGAAATTTAACATCACTCCCAATAAATTTGGTGAA
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 CCAGTACCTTAAGGCTATCATCATCCAGTCTGGTGTACTGTCTCTCCTTCATCATCAGATGCAGAATA
 TGATAAATGGCTGATGTGACTTAGCAGCAAAGGCCTTCAAACCCATTGAAAGAGTCTTATCGTCTACT
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 GTGTGGTTGGCGGTGTTATGATAGTGACTCCTAACAAACATCATGTTTGACCCCTATAAATCTGATCCTCT
 GGTATTGAAAAATGGGTGTGAGGAGTATGGTCTCATCTGCCCCATGGAAGAGGTTGTTCCATTGCGCTC
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 ACTGAGGGCAATAAAGAGCCAGATAAGACCTGGGTGAAAAGGGAGGCCCTCCCGGTAAGTGAAGT
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 TCAAGGTGCACAAATGGATAATAAATCTGAAGTTCAGTTGTGGCTGTTAAAGAGAATTCAGTACCCATT
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 GCCAGAGTACTGGTTTGTCTGTTCTCGGGAGAGGGTGGATCATTGTACACATCTTTGTTTCAGTGGTCT
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 GACTGGCCTATAGCACGTTAGAGCACGGGACCAGCTTAAAGACGCTCTACCGGAAATCGGCATCACTAGA
 CAGTCTGTCTATTGGTCATCAAAGATATGGATAATCAGATTTTTGGAGCATATGCAACTCATCTTTT
 AAGTTCAGTGACCACTATTATGGCACAGGCGAACTTTTCTCTACACATTCAGCCCTCATTTTAAGTCT
 TTAAGTGGAGTGGAGAAAATTCATACTTTATCAATGGAGACATAAGTTCTTTAGAAGTGGTGGTGGAGG
 GGGACGATTTGGTTTATGGCTAGATGCTGATTTATACCACGACGAAGCAACTCTGCAGCACTTTCAAT
 AATGATATTCTTCCAAAAGGAAGACTTCATAGTTCAGGATCTGGAGGTGTGGCATTGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG226265 representing NM_001122842
 Red=Cloning site Green=Tags(s)

MDTKEEKKERKQSYFARLKKKKQAKQNAETASAVATRTHTGKEDNNTVVLEPDKCNIAVEEEYMTDEKKK
 RKSNDLKEIRRETELKRYYSIDDNQNKTHDKKEKMMVVQKPHGTMEYTAGNQDTLNSIALKFNITPNKLVE
 LNKLFTHITVPGQVLFVPDANSPSSTLRLSSSSPGATVSPSSSDAEYDKLPDADLARKALKPIERVLSST
 SEEDEPGVVVFKLMNCRYFTDGKGVVGGVMIVTPNNIMFDPHKSDPLVIENGCEEYGLICPMEEVVSIAL
 YNDISHMKIKDALPSPGEWEDLASEKDINPFSKFKSINKEKRQQNGEKIMTSDSRPVPLEKSTGHTPTK
 PSGSSVSEKLLKLDSSRETSHGSPTVTKLKSKPESDTSSAFESTAKENFLGEDDDFVDLEELSSQTGGGMH
 KKDTLKECLSLDPEERKKAESQINNSAVEMQVQSALAFVLTENDVELKGDLETCEKQDIMPEVDKQSG
 SPESRVENTLNIHEDLDKVKLIEYYLTKNKEGPQVSENLQKTELSDGKSIIEGGIDITLSSLSQAGDPI
 TEGNKEPDKTWVKKGEPLPVKLSSTEANVIKEALDSSLESTLDNSCQGAQMDNKSEVQLWLLKRIQVPI
 EDILPSKEEKSKTPMFLCIKVGKPMRKSFAHTAAMVQQYGRKRKQPEYWFVAVPRERVDHLYTFFVQWS
 PDVYVGDAKEQGFVVVEKEELNMDNFFSEPTTKSWEIITVVEAKRRKSTCSYVEDEEVLVLRPHSA
 LLENMHIEQLARRLPARVQGYPWRLAYSTLEHGTSLKTLYRKSASLDSPVLLVIKMDNQIFGAYATHPF
 KFDSDHYGTGETFLYTFSPHFKVFKWSENGSYFINGDISSLELGGGGGRFGLWLDADLYHGRSNSCSTFN
 NDILSKKEDFIVQDLEWAFD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

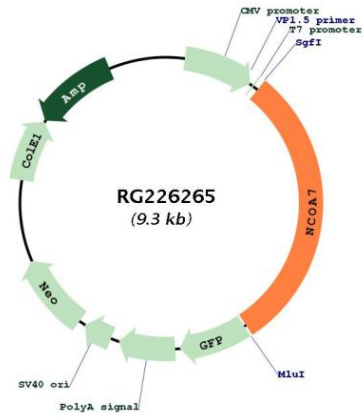
Cloning Scheme:



ACCN: NM_001122842

| | |
|-------------------------------|---|
| ORF Size: | 2793 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_001122842.3 |
| RefSeq Size: | 6424 bp |
| RefSeq ORF: | 2796 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 RG226265