

## Product datasheet for **RG231196**

### ANHX (NM\_001191054) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ANHX (NM_001191054) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ANHX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG231196 representing NM_001191054 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGCAGAGCTTCTGACTCTGCTGAAGGAGCATGAGGACACCTGTGCACCCCGCGGAGCTGGTGACCC  
TTGCGGGCAGACTGTGCCGGGACTTCCAGGATGACCTTGCCCAACTGCAGCCTTTGGTCACAGCCATTCT  
GGACAGCCAGCTCCGCCTGCATCTCTGGACAACGCAGATGTGGCCCTGGCGTGCCCGCTGTCTGGAC  
CAGCAGGAGCAGCAGCAGGCGGCTTGGCCCTCCTGGAGGGGTGCCAGGTGCCGGGAGGCCAGCAGGAGT  
TAGTGCAGCTCTGGAACGACATCCACTACCGTCTGGTCATGAGGAGGCTGGGCGTGGCTGCGCTCACCCC  
GGTGCAGAAGTTCGCTGCAGGAAGAGGAACCCCGCCCCCTCCCTCTGCCAGAGGGGCTGAAGAGC  
CGAACTTCCCCAGAGAGGTTTCGTGAGAAGCTGCACAATTTTCGCTGTGGGGTGAACACCAACCCAGCA  
AGGCTGAGAGGGAGAATTGGCATTGGAGACGAGCTTGACCCCTGAGCAGGTGTACAACCTGGTTTGCCAA  
TTACCGGCGCCGCAAAGAGCCCTTCCCCAGCACATGAAGCCAGCCAGCAGGCCACAGCTGAAGACCCCT  
GGTGCAGGGAGAGGGTCTGACCTCTGCAGCCCTCAGGCAACCCCGTGTGACTCTGGGTTTGTGG  
ACAGGCCCTCAGTGGTCAGAGGAACGTGAGGAAAAGGGCCTCCACAGTCCCACAGACCACCAAGGACC  
ATGGGAGCCACTGGCCTTAGCCCCGACTTTCCCGCAGATGAGACAGTCTCAAAGCCACTGGATGTCAGC  
GGCCATCCCAGAGCGTGAATTTGGAGGAGGCTGGGCAAGCAGTGGACGGACAGAGCTACGGGTGG  
GCAGCTTCTGGTGACACAGCCCCACTGCAAGCTCCTGAATTCATCCTACCCAGAGCCCTCCAGAGCT  
GGCCCCAGCCCCATCTGCCTTCCCCGGCCCTGTGTCTGCCATGGAGCTGAGCCAGGCCCTGCCCTCCAGC  
CAGGTGCAGTGTCTGATAGCCAGGCCTCTGGTATGCCTTCTGGGGAGCCAGGATGCTCCTTGAGTTTT  
CAGGGAGCAGCCTGGGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG231196 representing NM\_001191054  
 Red=Cloning site Green=Tags(s)

MQSFLTLLKEHEDTCAPPAELVTLAAGRLCRDFQDDLAQLQPLVTAILDSQLRLHLLDNADVALACARVLD  
 QQEQQAACRLLEGCVPGGSQELVQLWNDIHYRLVMRRLGVAALTPVQKFRCKRKNPPPSLCEPLKLS  
 RNFPREVREKLNHFVGVNTNPSKAERENLALETSLTPEQVYNWFANYRRRQRALPQHMKPAQQATAEDP  
 GARERGPDLLQPSGNPRVDSGFVDRPQWSEEREKGGPPQSPQTTQGPWEPLALAPDFPADETVSKPLDVS  
 GHPQSVQLEEGLGTSSGRTELRVGSFLVTQPPLQAPEFILTQSPPELAPAPSAFPVSGVAMELSQALPSS  
 VQVCSDSQASGDADFVWARMLLLEFSGSSLG

TRTRPLE - GFP Tag - V

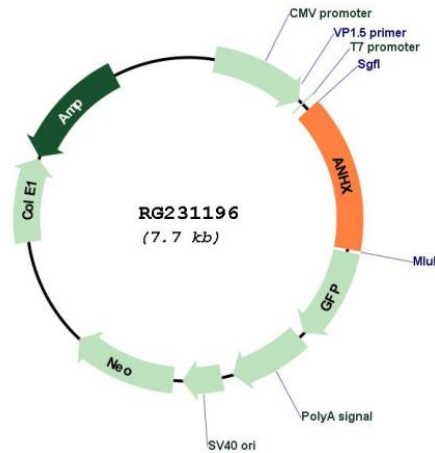
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001191054

<b>ORF Size:</b>	1137 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001191054.1</a> , <a href="#">NP_001177983.1</a>
<b>RefSeq Size:</b>	1765 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	647589
<b>UniProt ID:</b>	<a href="#">E9PGG2</a>
<b>Cytogenetics:</b>	12q24.33