

## Product datasheet for **MG215192**

### Adh6a (NM\_026945) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adh6a (NM_026945) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adh6a
Synonyms:	1810009C16Rik; Adh5a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215192 representing NM_026945 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATACCTGGGAAAGACAATCACATGTGGGCAGCCATTGCCTGGGCAAAAAATTCCTCTTTCAA  
TTGAAGAAGTGAAGTTGAGCCACCGAAGTCTGGAGAAGTTCGTATTAAGATGATCTCGTCAGGGATCTG  
TGGTTCGATGATCACGTGCTGAAAGGAGAAGTCTGGTGAACCTTCCTTAATCCGGGTCATGAAGGA  
GCGGGAATTGTGGAGAGTGTGGTATGGAGTTTGTCTCCATGAAACCAGGAGATAAAGTCTCATCCTCA  
TTATTCCACAGTGTAGAGAATGTGACGCCTGCTGTACCCCAAAGGAAATTTCTGCTACAAGCAAGATGT  
TCTGCCTTGTCTGGGGTATGCTCGACGGGACCTCCCGTTTTCTGCCGAGGACAGAAGATTTATCAC  
TCTTCCGAACAAGCTCATTACAGAGTACACTGTGGTGCCTGAGATCGCCGCGGTAATAATGATGACG  
CAGCTCCTATGGATAAAGTTTGTCTCATAAGCTGTGGCTTCCCTACTGGCTACGGGGTGTGTTAACTC  
TGCCAAGGTCACCCCTGGCTCTACCTGTGTGGTTTTGGACTCGGAGGGGTCGGCTCAGCTATTGTCATG  
GGCTGCAAAGCCTCTGGTGCATCTAGAATCATCGGGTTGACATCAATGAGGAGAAGTTTCTCGGGCAA  
GAGCCTTGGGGTCAACGACTGTCTCAACCCTAACAAGCTGGAGAAGCCTGTGCAGGAGTTGTGATGGA  
AATGACGGGTGTCGGTGTGACTTTGCCTTTGAGGCCATTGGACTGGTTGATACCATGGTTGCTGCTTGG  
AACTCCTGCAACAACAGCTATGGCGTCTGCTGATCGCTGGGCTCGCTCCATCAGATGCACAGTTATCCC  
TTGAAGCACCCAAAGATTTGTCTGGGAAAACCCTGAAGGCGTGTGTCTGGGAGATTATAAACCCAGAGA  
CTGCATACCCCAATAGTGACTGATTATCTCCAAAATAAGATTAATATAGATCCTTTAGTGACTTATCAG  
CTGCCTTTTAACCAGCTCCATGAAGCCTTGGAGCTGTTTCATTACGAAAAGCTATCCGTTGTGTTCTGC  
TCTTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG215192 representing NM\_026945  
 Red=Cloning site Green=Tags(s)

MNTLGKTIICRAAIAWAKNSPLSIEEVQVEPPKSGEVRIKMISSGICGSDDHVLKGELVNFPLIPGHEG  
 AGIVESVGDGVCMSKPGDKVLILIIIPQCRECDACLYPKGNFCYKQDVLPCSGVMLDGTSRFSCRGQKIYH  
 SFRTSSFTEYTVVPEIAAVKIDDAAPMDKVCLISCGFPTGYGAAVNSAKVTPGSTCVCVFLGLGGVGSIAIVM  
 GCKASGASRIIGVDINEEKFPRARALGVTDCLNPNKLEKPVQEVVMENTGVGVDFAFEAIGLVDTMVAAW  
 NSCNNSYGVCLIAGLAPSDAQLSLEAPKILSGKTLKGVCLGDYKTRDCIPQIVTDYLNQKINIDPLVITYQ  
 LPFNQLHEALELFHSGKAIRCVELLF

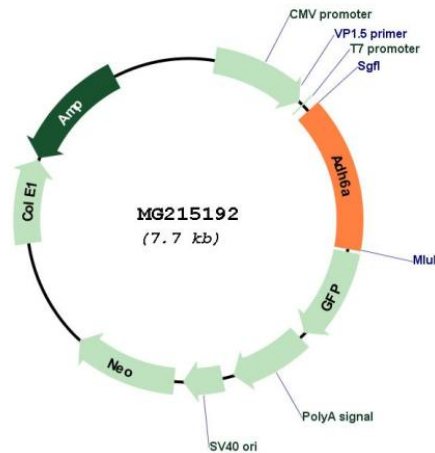
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_026945

<b>ORF Size:</b>	1125 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_026945.1</a> , <a href="#">NP_081221.1</a>
<b>RefSeq Size:</b>	1341 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	69117
<b>Cytogenetics:</b>	3 G3