

Product datasheet for **MG215580**

Adam6a (NM_174885) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Adam6a
Synonyms:	Adam6; tMDCIV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG215580 representing NM_174885
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTATCTCTGACCTGGGCATGAGGCTAGTGAAAGACCTGTGGTCCCAGGGTCTCCTCTTGCTAT
TTGCACTCTGGCTGCTCCTCTGGTTCAGTCTGGTGTCTCAAGGCCATCCCACCTGGCGTTACATCTC
ATCGGAGGTGGTTATTCCTCGGAAGGAGATCTACCATACCAAGGACTTCAAGCACAAAGACTGCTCTCG
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AGAAGAGGGACACAGTGGGAGCATAGACAGTGGGTCCCTCCGTTCAAAGGCGCATATAAAACAGAAC
CTAGAGCCAGTAGTATTTAAGAATACTTTGGTCTGATTTACTTCTCTTTGTTGCACTGCTCTTTG
GCATTGCCACTCGTGTAGGAGTTACTAAGATATTTAGGTTTGAAGACTTGAAGCTGCTTTACGTTCTTG
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

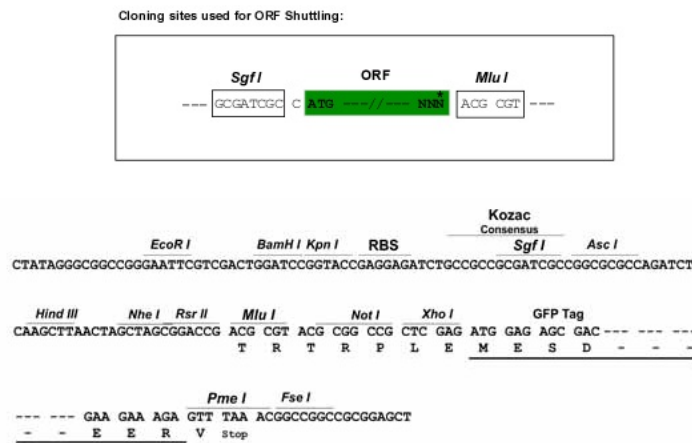
Protein Sequence: >MG215580 representing NM_174885
 Red=Cloning site Green=Tags(s)

MLSLTWGMRLVERPVVPRVLLLLFALWLLLLVPVWCSQGHPTWRYISSEVVIPRKEIYHTKGLQAQRLLS
 YSLRFRGQRHIHLRRKTLIWPRLLLLTTQDDQGALQMEYFFFPVDCYYIGYLEGILQSMVTVDTCYGGL
 SGVIKLDNLTYEIKPLNDSQSFEHLVSQIVSESDDTGPMNAWKHWSHNTGSPSSRLEYADGAPRLSSKNY
 ATHPAAIKGFHQATHSVYSASGGDKLSSTVEYLFKVISLMDTYLNLHMRYYVFLMTVYTEADPF SQDFR
 VPGGQAHTFYERVFYAHFRPDAGAIINKNSPGDDAVNPAERSICSPSALICLGOHGRNPLFLSIIITNRV
 GRSLGLKHDEGYCICQRNTCIMFKNPQLTDAFSNCSLAEISNILNTPDLMPCLFYDRHVYNTSLTYKF
 CGNFKVDNNEQCDCGSQKACYSDPCCGNDRCRLTPGSICDKELCCANCTYSPSGTLCRPIQNICDLPEYCS
 GSKFICPDITYLQDGTPCSEEGYCYKGNCIDRNIQCMEIFGVSAKANIKCYDINKQRFRFHGCHTRAES
 LTFNACADQDKLCGRLQCTNVTNLPFLQEHVSFHQSIVSGVTCFGLDEHRGTETADAGLVRHGTGCSRK
 FCDRGACNGSLRGLYDCTPEKCNFRGVCNRRRNCHCHFGWSPKCKEEGHSIDS GSPPVQRRIKQ
 LEPVVYLRIILFGRIYFLVALLFGIATRVGVTKIFRFEDLQAALRSWQEQAADK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



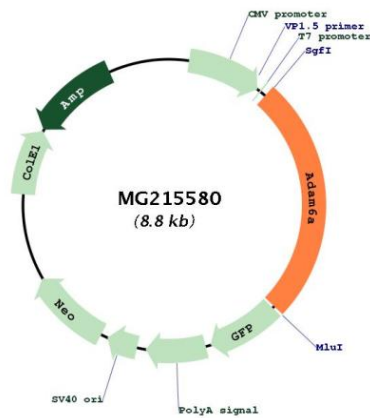
ACCN: NM_174885

ORF Size: 2262 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_174885.3, NP_777479.2</u>
RefSeq Size:	2507 bp
RefSeq ORF:	2265 bp
Locus ID:	238406
Cytogenetics:	12 F1

Product images:

Circular map for MG215580