

Product datasheet for **MG205166**

Als2cr13 (BC080299) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Als2cr13 (BC080299) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Als2cr13
Synonyms:	2810425F24Rik; 6330416D14Rik; Als2cr13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205166 representing BC080299 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGGACAAGGCCACACAGACCGAGAGTGCATGGGCTGAAGAATATGAAAAGAAGAAAGGGTCTCATA
AGCGCTCATCATCCTGGGGCAGCACAGAACAGCTTAAAGAGATTGCAAAATTACGCCAGCAACTGCAGAG
AAGCAAACACAGCAGTCGTCACCACCGAGATAAAGAAAGGCAGTCTCCATTCCATGGCAACCATGCAGCT
ATTAACCAGAGCCAGGCTCCTGCTCAAAGAGCACGCTCGTTCGCTGGCCCCATACCAAGTCGTCGTG
GTTCTCGGTTCCGGAACAGTGTGGAAGGGCTGAATCAGGAGATTGAGATCATAATTAAGAGACGGGGGA
GAAGGAAGAACAGCTGATTCCACAAGATATTCCAGATGGTCATCGTGCCTCCGCCCTCGCACAGAGA
AGCAGCAGCACACGAAGCATTGACACACAGACCCCTGGGGGTGCAGACAAGGGAAGCAACAACAGCAGCC
GCTCTCAGTCTGTGTCCCAACATCCTTCTCACCATCTCTAATGAAGGCAGTGAGGAGAGCCCCGTGTC
AGCTGATGATCTGCTTGGGATCCCAGAGATAAAGAGAATGGAACAATTCTCCTTTGCCAAATATGCA
ACCTCACCAAAACCTAATAACAGTTACATGTTTAAAGGGAACCTCCAGAGGGCTGTGAAAGGGTCAAAG
TCTTTGAGGAATGCTCGCCAAACAACCTTCATGAGATTCCAGCCTTTACTGTCTGACAAAAACAAGGT
GAATTTTCATTCTAAAAGTGGCTCTGCTTCTGCCTCGTGAGTATCCTCAAACCACTTCTCCCTACACCA
GATCTTACTCTCAAGGGCTCTGGTCACAGCCTGACCGTCACCATGGCATGACCACCACTTGTCTCCAGC
CCATCTCTATGGCCTCCCTGTCTACAAACACAGAGCAAGAGCGGGTATCTCGAGGAACCACTACAGTCCT
GCCATCCGCCTCCCTCCATGCACCACCAGAACCATTGAGGAAGCTGAAGGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205166 representing BC080299
 Red=Cloning site Green=Tags(s)

MRDKATQTESAWAEEYEKKKGSHKRSSSWGSTEQLKEIAKLRRQLQRSKHSSRHHRDKERQSPFHGNHAA
 INQSQAPAPKSTLVPAGPITKSSGSRFRNSVEGLNQEIEIIKETGEKEEQLIPQDIPDGHRAPPLAQR
 SSSTRSIDTQTPGGADKGSNNSSRSQSVSPTSFLTISNEGSESPCSADDLLADPRDKENGNSPLPKYA
 TSPKPNNSYMFKREPPEGCEVRKVFEECSPKQLHEIPAFYCPDKNKVNFIKSGSAFCLVSILKPLLPTP
 DLTGSGHSLTVTTGMTTLLQPI SMASLSTNTEQERSRGSTVLPASLHAPPEIEEAEG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC080299

ORF Size: 1032 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:

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: [BC080299](#), [AAH80299](#)

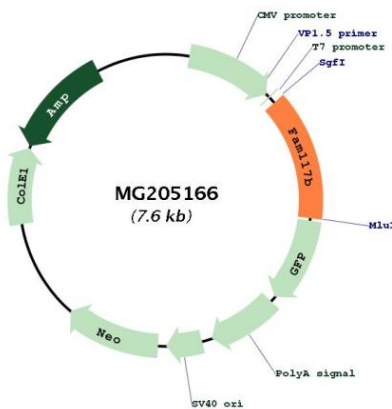
RefSeq Size: 4952 bp

RefSeq ORF: 1034 bp

Locus ID: 72750

Cytogenetics: 1 C2

Product images:



Circular map for MG205166