

## Product datasheet for **MG207803**

### Antxr2 (NM\_133738) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Antxr2 (NM_133738) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Antxr2
Synonyms:	2310046B19Rik; AW561899; cl-35; CMG-2; CMG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207803 representing NM\_133738  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTGGCCGGTCCGGTCCCGGGCGCGCAGCCCTGGGAGCTGGCTGTTCCCTGGCCTGTGGTGTGGCTG  
 TGGGCGGTCCGGGTCGTTGCTGCAAGCCAGGAGCAGCCCTCTTGCAAAAAGCCCTCGATTTGTA  
 CGTACTGGACAAGTCTGGCAGTGTAGCAAATAACTGGATTGAAATTTATAATTTGTCCACCAGCTGACA  
 GAGAGATTTGTGAGCCCTGAAATGAGATTGTCCTTCATTGTGTTTTCTTCCCAAGCAACCATTATTTGC  
 CATTAAGTGGAGACAGGTACAAAATTGGCAAAGGACTGGAGGATTTAAAGGCCGTTAAGCCAGTTGGAGA  
 AACATACATCCATGAAGGACTAAAGCTTGCAAACGAACAAATTCAAAATGCAGGAGGCTTAAAGCCCTCC  
 AGTATCATAATTGCTTTGACGGACGGAAGCTGGACGGCCTGGTACCATCTTATGCAGAGAACGAGGCAA  
 AGAAGTCCAGGTCAGTTGGCGCTAGTGTACTGCGTTGGGTCCTTGATTTTGAACAAGCTCAGCTGGA  
 AAGAATTGCTGATTCCAAGGACCAGTTTTCCCTGTCAAAGGTGGATTTCAAGCTCTCAAAGGCATCATC  
 AACTCTATATTAGCTCAATCATGTACTGAAATCCCTGGAATTGAGTCCTTCAAGTGTCTGTGTAGGGGAGA  
 AATTTCAAGTTGTTCTGACTGGAAGAGCAGTCACGTCGATCAGTCACGATGGCAGTGTCCCTCTGTACATT  
 CACTGCAAACAGCACATATACAAAGAGTGAGAAGCCAGTGAAGCATTGAGCATTACAGCAAGTTCCATCCTTTGCTCT  
 GCACCTGTCTGAACAAAGATGGAGAACTCTTGAAGTTTCAATCAGCTATAATGATGGGAAGTCTGCTG  
 TCTCAAGATCCTTAACAATCACAGCCACAGAATGTACCAATGGGATTGCAGCCATCGTAGCTATTTTGGT  
 GTTGTGTGCTCTTGGGTGCTGCCTTGATGTGGTGGTTTTGGCCCTTTGCTGCAAAGTGGTTATCAAG  
 GACCCCTCCCCACCACCTCTGCACCAATGGAGGAGGAGGAGGATCCTTTGCCCAACAAGAAGTGGG  
 CGACTGTGGACGCTTCTACTACGGAGGTCGAGGTGTTGGAGGAATTAAGGATGGAGGTCGCTCCGCTGGG  
 AGATAAAGGATCTACAGAGGAAGGTGCAAGGCTAGAGAAAGCAAAAAATGCTGTGGTGATGGTCCCTGAA  
 GAAGAGATCCCCATCCCATCCAGACCACCTCGACCCAGACCCACACACCAGGCACCTCAGACAAAGTGGT  
 ACACGCCAATCAAGGGTCGTTTGGATGCACTCTGGGCTTTGATCATGAAGCAGTATGACCGGGTGTCTCT  
 GATGAGACCCAGGAAGGTGATGAGGGCCGATGCATAAATTCTCCCGGTTCCACATCAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207803 representing NM\_133738  
 Red=Cloning site Green=Tags(s)

MVAGRSRARSPPSWLFPGLWLLAVGGPGSLLQAQEQPSCKKAFDLYFVLDKSGSVANNWIEIYNFVHQLT  
 ERFVSPERMRLSFIVFSSQATIIILPLTGDRYKIGKLEDLKAVKPVGETYIHEGLKLANEQIQNAGGLKAS  
 SIIIALTDGKLDGLVPSYAENEAKKSRSLGASVYCVGVLDFEQAQLERIAADSKDQVFPVKGGFQALKGII  
 NSILAQSCTEILELSPSSVCVGEKQVVLTRAVTSISHDGSVLCFTTANSTYTKSEKPVSIQSSILCP  
 APVLNKDGETLEVISYNDGKS AVSRSLTITATECTNGIAAIVAILVLLLLLGAALMWWFPLCCKVVIK  
 DPPPPPSAPMEEEEEEDPLPNKKWPTVDASYGGRGVGGIKRMEVVRWGDKGSTEEGARLEKAKNAVVMVPE  
 EEIPIPSRPPRPRPHQAPQTKWYTPIKGRLDALWALIMKQYDRVSLMRPQEGDEGRCLNFSRVPHQ

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



**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.

**RefSeq:** [NM\\_133738.2](#)

**RefSeq Size:** 3776 bp

**RefSeq ORF:** 1464 bp

**Locus ID:** 71914

**UniProt ID:** [Q6DFX2](#)

**Cytogenetics:** 5 E3

**Gene Summary:** Necessary for cellular interactions with laminin and the extracellular matrix.[UniProtKB/Swiss-Prot Function]