

## Product datasheet for **MG216583**

### Anxa10 (NM\_001136089) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa10 (NM_001136089) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anxa10
Synonyms:	MGC159022
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG216583 representing NM_001136089 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTTGCGGGGAATATGTCCAAGGAACCATCTCCAGCTCCAAATTTCAATCCCATGATGGATGCC  
AAATGCTAGGCGGAGCACTCCAAGGATTTGACTGCAACAAGACATGCTGATTGACATCCTAACACAACG  
CAGCAATGCACAGCGGCAGATGATAGCTGGGACCTATCAGAGCATGTATGGCCGGGACCTGATTTTCAGT  
CTGAAGGAACAACCTTTCATCTCACTTCAAAGAAGTGATGGTGGGCTGATGTATCCTCCACCATCTTATG  
ATGCTCATGAGCTCTGGCATGCCATGAAGGGACCAGGAAGTATGAGAATTGCCTCATTGAAATATTAGC  
TTCAAGAACAATGGGGAGATTTCCAGATGCGAGAAGCCTACTGTTTACAGTACAGCAATAACCTTCAA  
GAGGACATTTACTCAGAAACCTCAGGACTTCCAGGGATACTCTCATGAACCTGGTCCAGGCAAACAGGG  
AGGAAGGATACTCTGATCCTGCAATGGCTGCTCAGGATGCAATGGTGTGTGGGAAGCCTGCCAGCAGAA  
GACTGGGGAACATAAAACCATGATGCAGATGATCCTGTGCAACAAGAGCTACCCACAACCTTTGGCTGGTT  
TTCCAGGAATTTCAAATATTTCTGGCCAAGACCTGGTGGATGCCATCAATGACTGTTACGATGGTTATT  
TCCAGGAGCTGCTGGTTGCTATTGTTGTTGTATCCAGGACAAACCAAGCTATTTTGCTTATAAATTATA  
CAGGGCAATCCATGATTTGGCTTCCATAACAAAAGTGTATCAGGATTCTCATCGCCAGAAGTGAATA  
GACCTAATGACCATAAGGAAACGTTACAAGAGAGATTTGGAAAATCCCTTTTCATGATATCAAAAATT  
TTGCTTCAGGGCACTATGAGAAAGCACTACTTGCCATCTGTGCTGGTGTGTGGAAGACTAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG216583 representing NM\_001136089  
 Red=Cloning site Green=Tags(s)

MFCGEYVQGTIFPAPNFNPMMDAQMLGGALQGFDCKNDMLIDILTQRSNAQRQMIAGTYQSMYGRDLISV  
 LKEQLSSHFKVEMVGLMYPSPSYDAHELWHAMKGPDTDENCLIEILASRTNGEIFQMREAYCLQYSNNLQ  
 EDIYSETSGHFRDTLMNLVQANREEGYSDPAMAAQDAMVLWEACQKKTGEHKTMQMILCNKSYPQLWL  
 V FQEFQNISGQDLVDAINDCYDGYFQELLVAIVRCIQDKPSYFAYKLYRAIHDFGFHNKTVIRILIA  
 RSEIDLMTIRKRYKERFGKSLFHDIKNFASGHYEKALLAICAGDVEDY

TRTRPLE - GFP Tag - V

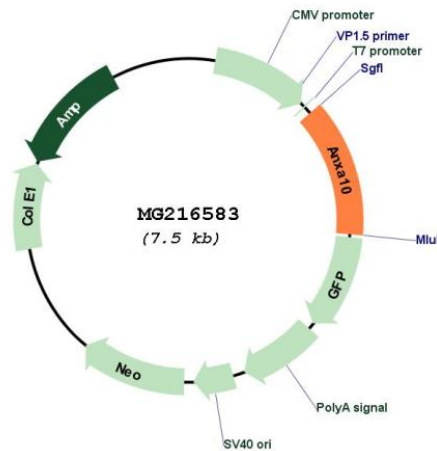
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001136089

**ORF Size:** 972 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_001136089.2</a> , <a href="#">NP_001129561.1</a>
<b>RefSeq Size:</b>	1264 bp
<b>RefSeq ORF:</b>	975 bp
<b>Locus ID:</b>	26359
<b>UniProt ID:</b>	<a href="#">Q9QZ10</a>
<b>Cytogenetics:</b>	8 31.55 cM