

## Product datasheet for **MG204221**

### Anxa8 (BC013271) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa8 (BC013271) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anxa8
Synonyms:	Anx8, MGC40628
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204221 representing BC013271 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCTGGTGGAAAGCCTGGGTTGAACAGGAGGGCGTCAGCGTGAAGGGTAGTTCTCACTTCAACCCAG  
ACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGGATTGGAACCAATGAGCAGGCCATCATAGACGT  
GCTACCAAGAGGAGCAATGTGCAGAGGCAGCAGATTGCCAAGTCCTTCAAGGCTCAATTTGGAAAGGAC  
CTCACTGAGACCTTAAAGTCAGAGCTGAGTGGCAAATTTGAGAGACTCATCGTGGCCCTCATGTACCCGC  
CATAACGCTACGAGGCCAAGGAGCTGCACGATGCCATGAAGGGCTTAGGAACCAAGAAGGAGTCATCAT  
TGAGATCCTGGCTTCTCGGACCAAGAACCAGCTGAGAGAGATAATGAAGGCATATGAGGAAGACTATGGA  
TCTACCCTGGAAGAAGACATCCAAGGAGACACGAGTGGCTATCTGGAGCGGATTCTGGTGTGTCTCTCTGC  
AGGGCAGCAGAGATGATGTGAGCGGCTTTGTGGATCCAGGACTGGTCTCCAAGATGCACAGGCCCTGCA  
TGAAGCGGTGTTTCGAGGAATATGAAAAAATGCCAACAAGTGCATTGAGGATAGCATCAAGAGTGAGACC  
CATGGTTCGCTGGAGGAGCCATGCTCACTGTGGTGAAATGCACCCGGAACGTCCACAGCTACTTTTCGAG  
AGAGACTCTACTACGCCATGAAGGGAGCAGGGACACGTGATGGAACGCTGATAAGGAACATTGTTTCCAG  
GAGTGAGATTGACTTAAATCTTATCAAGGGTCAGTTTAAGAAGATGTACGGCAAGACTCTCAGCAGCATG  
ATCATGGCCGACACCAGTGGTTACTACAAGACTGCCCTGCTGAACCTTGTGGGCACTGACCTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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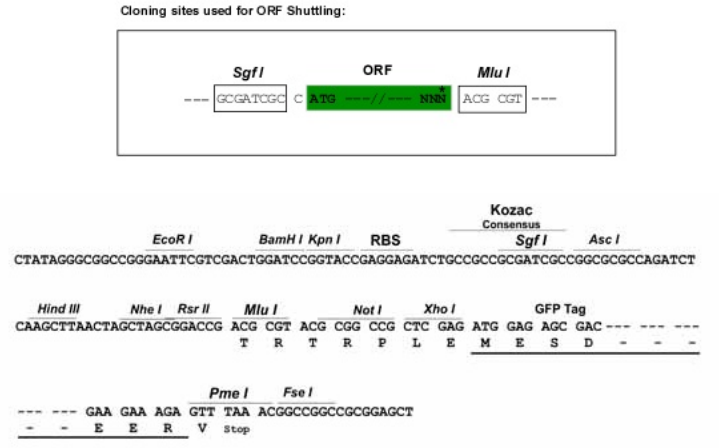
**Protein Sequence:** >MG204221 representing BC013271  
 Red=Cloning site Green=Tags(s)

MAWWKAWVEQEGVSVKGSSSHFNPDPAETLYKAMKIGITNEQAIIDVLTkRSNVQRQIIAKSFKAQFGKD  
 LTETLKSELSGKFERLIVALMYPPYSYEAKELHDAMKGLGTKEGVIEILASRTKNQLREIMKAYEEDYG  
 STLEEDIQGDTSGLYLERILVCLLQGSRDDVSGFVDPGLVLQDAQALHEAVFEEYEKIANKCIEDSIKSET  
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 IMADTSGYYKTALLNLVGTDL

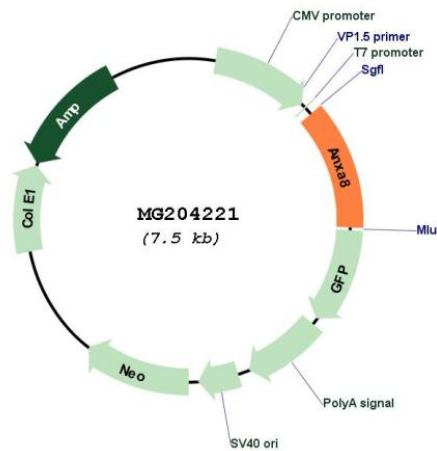
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** BC013271

**ORF Size:** 903 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="#">BC013271.1</a>
<b>RefSeq Size:</b>	1240 bp
<b>RefSeq ORF:</b>	905 bp
<b>Locus ID:</b>	11752
<b>Cytogenetics:</b>	14 20.8 cM
<b>Gene Summary:</b>	This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade. [UniProtKB/Swiss-Prot Function]