

## Product datasheet for **MR229107**

### Anxa8 (NM\_001281845) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Anxa8 (NM\_001281845) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Anxa8  
**Synonyms:** A1466995; Anx8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR229107 representing NM\_001281845  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCTGGTGGAAAGCCTGGGTTGAACAGGAGGGCGTCAGCGTGAAGGGTAGTTCTCATTTCAACCCAG  
ACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGGATTGGAACCAATGAGCAGGCCATCATAGACGT  
GCTCACCAGAGGAGCAATGTGCAGAGGCAGCAGATTGCCAAGTCCTTCAAGGCTCAATTTGAAAGGAC  
CTCACTGAGACCTTAAAGTCAGAGCTGAGTGGCAAATTTGAGAGACTCATCGTGGCCCTCATGTACCCGC  
CATAACAGCTACGAGGCCAAGGAGCTGCACGATGCCATGAAGGGCTTAGGAACCAAAGAAGGAGTCATCAT  
TGAGATCCTAGCTTCTCGGACCAAGAACCAGCTGAGAGAGATAATGAAGGCATATGAGGAAGACTATGGA  
TCTACCTGGAAGAAGACATCCAAGGAGACACGAGTGGCTATCTGGAGCGGATTCTGGTGTGTCTCCTGC  
AGGGCAGCAGAGATGATGTGAGCGGCTTTGTGGATCCAGGACTGGTCTCCAAGATGCACAGGCCCTGCA  
TGAAGCGGTGTTTCGAGGAATATGAAAAATTGCCAACAAGTGCATTGAGGATAGCATCAAGAGTGAGACC  
CATGGTTCGCTGGAGGAGCCATGCTCACTGTGGTGAATGCACCCGGAACGTCCACAGCTACTTTGCAG  
AGAGACTCTACTACCCATGAAGGGAGCAGGGACACGTGATGGAACGCTGATAAGGAACATTGTTTCCAG  
GAGTGAGATTGACTTAAATCTTATCAAGGGTCAGTTTAAGAAGATGTACGGCAAGACTCTCAGCAGCATG  
ATCATGGCCGACACCAGTGGTTACTACAAGACTGCCCTGCTGAACCTTGTGGCACTGACCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR229107 representing NM\_001281845  
 Red=Cloning site Green=Tags(s)

MAWWKAWVEQEGVSVKGS SHFNPDPDAETLYKAMKIGITNEQAIIDVLT KRSNVQRQQIAKSFKAQFGKD  
 LTETLKSELSGKFERLIVALMYPPYSYEAKELHDAMKGLGTKEGVIEILASRTKNQLREIMKAYEEDYG  
 STLEEDIQGDTSGLERILVCLLQGSRDDVSGFVDPGLVLQDAQALHEAVFEEYEKIANKCIEDSIKSET  
 HGSLEEAMLT VVKCTRNVHSYFAERLYYAMK GAGTRDGLIRNIVSRSEIDLNLIKGQFKKMYGKTLSSM  
 IMADTSGYYKTALLNLVGTDL

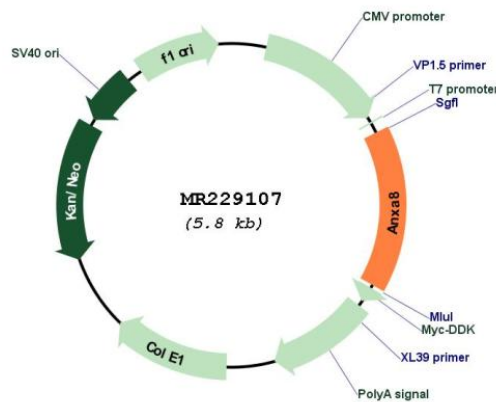
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001281845

**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="#">NM_001281845.1</a> , <a href="#">NP_001268774.1</a>
<b>RefSeq Size:</b>	1814 bp
<b>RefSeq ORF:</b>	906 bp
<b>Locus ID:</b>	11752
<b>UniProt ID:</b>	<a href="#">O35640</a>
<b>Cytogenetics:</b>	14 20.8 cM
<b>MW:</b>	34.2 kDa
<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]