

Product datasheet for **MG204781**

Anxa8 (NM_013473) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa8 (NM_013473) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anxa8
Synonyms:	A1466995; Anx8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204781 representing NM_013473 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTGGTGGAAAGCCTGGGTTGAACAGGAGGGCGTCAGCGTGAAGGGTAGTTCTCATTTCAACCCAG
ACCCTGATGCAGAGACCCTCTACAAAGCCATGAAGGGGATTGGAACCAATGAGCAGGCCATCATAGACGT
GCTCACCAAGAGGAGCAATGTGCAGAGGCAGCAGATTGCCAAGTCCTTCAAGGCTCAATTTGGAAAGGAC
CTCACTGAGACCTTAAAGTCAGAGCTGAGTGGCAAATTTGAGAGACTCATCGTGGCCCTCATGTACCCGC
CATAACAGCTACGAGGCCAAGGAGCTGCACGATGCCATGAAGGGCTTAGGAACCAAGAAGGAGTCATCAT
TGAGATCCTAGCTTCTCGGACCAAGAACCAGCTGAGAGAGATAATGAAGGCATATGAGGAAGACTATGGA
TCTACCCTGGAAGAAGACATCCAAGGAGACACGAGTGGCTATCTGGAGCGGATTCTGGTGTGTCTCCTGC
AGGGCAGCAGAGATGATGTGAGCGGCTTTGTGGATCCAGGACTGGTCTCCAAGATGCACAGGCCCTGCA
TGAAGCGGGTGAGAAGATTATGGGAACCGATGAGATGAAGTTCATCACTATCCTGTGCACACGCAGTGCC
ACTCACCTGATGAGAGTGTTCGAGGAATATGAAAAATTGCCAACAAGTGCATTGAGGATAGCATCAAGA
GTGAGACCCATGGTTCGCTGGAGGAGGCCATGCTCACTGTGGTGAATGCACCCGGAACGTCCACAGCTA
CTTTGCAGAGAGACTCTACTACGCCATGAAGGGAGCAGGGACACGTGATGGAACGCTGATAAGGAACATT
GTTTCCAGGAGTGAGATTGACTTAAATCTTATCAAGGGTCAGTTAAGAAGATGTACGGCAAGACTCTCA
GCAGCATGATCATGGCCGACACCAAGTGGTTACTACAAGACTGCCCTGCTGAACCTTGTGGCACTGACCT
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204781 representing NM_013473
Red=Cloning site Green=Tags(s)

MAWWKAWVEQEGVSVKGSSSHFNPDPAETLYKAMKIGITNEQAIIDVLTKRSNVQRQQIAKSFKAQFGKD
 LTETLKSELSGKFERLIVALMYPPYSYEAKELHDAMKGLGTKEGVIEILASRTKNQLREIMKAYEEDYG
 STLEEDIQGDTSGLYLERILVCLLQGSRDDVSGFVDPGLVLQDAQALHEAGEKIMGTDENKFITILCTRSA
 THLMRVFEEYEKIANKCIEDSIKSETHGSLEEAMLTVVKCTRNVHSYFAERLYYAMKGAGTRDGTLIRNI
 VSRSEIDLNLIKGQFKMYGKTLSSMIMADTSGYYKTALLNLVGTDL

TRTRPLE - GFP Tag - V

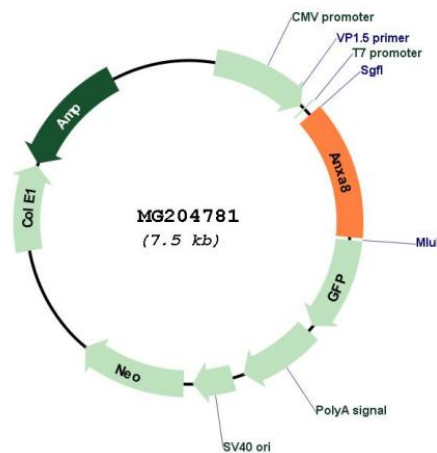
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_013473

ORF Size: 981 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:	<ol style="list-style-type: none">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_013473.4
RefSeq Size:	1914 bp
RefSeq ORF:	984 bp
Locus ID:	11752
UniProt ID:	O35640
Cytogenetics:	14 20.8 cM
Gene Summary:	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]