

Product datasheet for **MG222647**

Anxa6 (NM_001110211) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa6 (NM_001110211) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anxa6
Synonyms:	Anx6; AnxVI; AW107198; Cabm; Camb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MG222647 representing NM_001110211
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAAAATAGCACAGGGTGCCATGTACCGAGGCTCTGTCCAGCACTCCAGAGTTTGACGCCAAATC
AGGATGCTGAGGCCTTGTACACAGCCATGAAGGGCTTCGGCAGTGACAAGGAGTCCATACTGGAGCTGAT
CACCTCCCGCAGCAACAAGCAGAGGCAGGAGATCTGCCAGAGTTACAAGTCCCTGTATGGCAAGGACCTC
ATCGAAGACTTGAAGTATGAGTTGACGGGGAAGTTCGAGCGGCTGATAGTGAACCTGATGAGGCCACTTG
CCTATTGTGACGCCAAAGAGATTAAGACGCCATCTCGGGCATTGGCACAGATGAGAAGTGCCTCATTGA
AATTTTGGCTTCCCGGACCAATGAACAGATGCACCAGCTGGTGGCCGCATACAAAGACGCCTATGAGCGA
GACCTGGAATCTGACATCATTGGAGACTTCCGGCCACTCCAGAAGATGCTGGTGGTACTGCTCCAGG
GAACCCGGGAGAATGACGATGTTGTGAGCGAGGATTTGGTCCAGCAGGATGTCCAGGACCTGTATGAGGC
AGGGGAAGTAAAATGGGGAACAGATGAGGCCAGTTCATCTACATCTTGGAAACCGTAGCAAACAGCAC
CTACGACTGGTGTGTTGATGAGTATCTGAAGACCACAGGGAAGCCATCGAAGCCAGTATCAGAGGGGAGC
TGCTGGAGACTTGGAGAAGCTGATGTTGGCCGTGGTGAAGTGCATCCGAAGCACCCCGGAGTATTTTGC
AGAAAGGCTGTTCAAAGCCATGAAGGGCTAGGGACCCGAGACAACACTCTGATCCGCATCATGGTCTCC
AGGAGCGAGCTGGATATGCTTGACATCCGGGAGATCTTCCGGACCAAGTATGAGAAGTCACTCTACAGCA
TGATCAAGAAATGATACTCCGGTGAATACAAGAAGGCTCTGCTGAAGCTGTGTGGAGGAGATGATGATGC
CGCTGGCCAGTCTTCCCGGAGGCAGCACAGGTGGCCTATCAGATGTGGGAAGTCTAGTGCAGTGTCCCGA
GTGAGCTGAAGGTAAGTGTGTGCAGCAATGATTTCAACCTGACGCGGATGCCAAGGCCCTGCGGA
AAGCCATGAAGGGAATTGGAAGTGAAGCCACCATCATCGACATCGTCAACCCAGGAGCAACGCCCA
GCGGCAGCAGATCCGGCAGACCTTCAAATCTCACTTTGGCCGGGATTTAATGGCTGACCTGAAGTCAGAG
ATCTCGGAGACCTGGCAAGGCTGATTCTGGGGCTCATGATGCCACCTGCCATTACGATGCTAAGCAGC
TGAAGAAAGCTATGGAGGGAGCCGGCACAGATGAAAAGACTCTCATAGAAATCCTGGCCACCCGGACCAA
TGCTGAAATCCGGGCCATCAACGAGGCCTACAAGGAGGATTATCACAAAGTCCCTGGAGGATGCCTTGAGC
TCAGACACATCTGGCCACTTCAGAAGGATTCTCATTTCTGACCACGGGAAATCGAGAGGAAGGAGGAG
AAAACCCGGACCAGGCCAGGAAGTGCCAGGAAATAGCAGACACCCAGCGGAGACAAAACCTCCTT
GGAGACACGCTTCATGACCGTCTGTGCACCCGTAGCTATCCCCACCTGCGCAGAGTCTTCCAGGAGTTC
ATCAAGAAGACCAACTATGACATAGAGCATGTCATCAAGAAGGAGATGTCTGGGACGTCAAGGACGCAT
TTGTGGCCATCGTTCAGAGTGTCAGAACAAGCCTCTCTTTTCTGCTGATATACTGTACAAGTCCATGAA
GGGTGCTGGCACAGATGAGAAGACCTCACCAGGGTATGGTGTCTCGGAGTGAGATAGATCTGCTCAAC
ATCCGGAGGGAATTCATTGAGAAATATGACAAGTCTCTACACCAAGCCATTGAGGGTGACACCTCTGGAG
ACTTCATGAAGGCTTTGCTTGTCTGTGTGGCGGAGAGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG222647 representing NM_001110211
 Red=Cloning site Green=Tags(s)

MAKIAQGAMYRGSVHDFPEFDANQDAEALYTAMKGFSGDKESILELITSRSNKQRQEICQSYKSLYGKDL
 IEDLKYELTGKFERLIVNLMRPLAYCDAKEIKDAISGIGTDEKCLIEILASRTNEQMHQLVAAYKDAYER
 DLESDIIGDTSGHFQKMLVLLQGTRENDVVSSEDLVQQDVQDLYEAGELKWTDEAQFIYILGNRSKQH
 LRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERLFAKMKGLGTRDNTLIRIMVS
 RSELDMLDIREIFRTKYEKSLYSMIKNDTSGEYKALLKLCGGDDAAGQFFPEAAQVAYQMWELSAVSR
 VELKGTVCAANDFNPDADAKALRKAMKIGTDEATIIDIIVTHRSNAQRQQIRQTFKSHFGRDLMADLKSE
 ISGDLARLILGLMPPAHYDAKQLKKAMEGAGTDEKTLIEILARTNAEIRAINAYKEDYHKSLEDALS
 SDTSGHFRRILISLATGNREEGGENRDQAQEDAQEIADTPSGDKTSLETRFMTVLCTRSYPHLRRVFQEF
 IKKTNYDIEHVIKKEMSGDVKDAFVAIVQSVKNKPLFFADILYKSMKGAGTDEKTLTRVMVSRSEIDLLN
 IRREFIEKYDKSLHQAIEGDTSGDFMKALLALCGGED

TRTRPLE - GFP Tag - V

Restriction Sites:

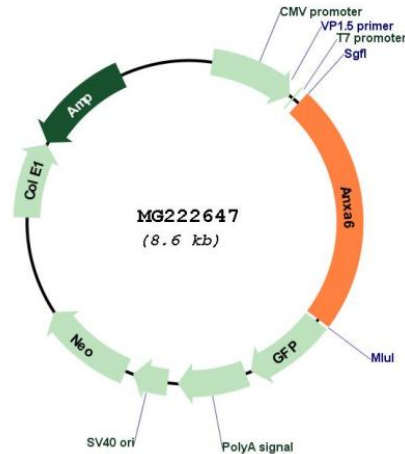
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001110211

ORF Size: 2001 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:

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_001110211.1](#), [NP_001103681.1](#)

RefSeq Size: 2643 bp
RefSeq ORF: 2004 bp
Locus ID: 11749
UniProt ID: [P14824](#)
Cytogenetics: 11 32.13 cM
Gene Summary: May associate with CD21. May regulate the release of Ca(2+) from intracellular stores.
[UniProtKB/Swiss-Prot Function]