

Product datasheet for **RR214551**

Anxa2 (NM_019905) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Anxa2 (NM_019905) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Anxa2
Synonyms: ANX2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214551 representing NM_019905
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTACTGTCCACGAAATCCTGTGCAAGCTCAGCTTGGAGGGTATCATTCTACACCCCAAGTGCCT
ATGGGTCGGTCAAACCTACACCAACTTCGACGCTGAGAGGGATGCTTTGAACATTGAAACAGCAATCAA
GACCAAAGGCGTGGACGAGGTCAACATTGTCAACATTCTGACTAACCGCAGCAATGCACAGAGGCAGGAC
ATTGCCTTCGCCTACCAGAGGAGGACAAAAAGGAAGTCCATCGCGCATGAAGTCGGCCTGTCTGGTC
ACCTGGAGACCGTGATGTTAGGCCTGTTGAAGACACCTGCTCAGTACGATGCCTCTGAGCTCAAAGCCTC
CATGAAGGGCCTGGGACTGATGAGGACTCCCTCATCGAGATCATCTGCTCAAGAACCAACCAGGAGCTG
CAGGAGATTAACCGAGTGATAAGGAAATGTACAAGACCGATCTGGAGAAGGACATCATCTCTGACACAT
CTGGAGAATCCGAAAGCTGTTGGTCGCCCTTGCAAAGGGTAAACGGGCAGAGGATGGTTCTGTTATTGA
CTACGAGCTGATTGACCAGGATGCCCGGGAGCTCTATGATGCTGGGGTGAAGAGGAAAGGAACCGATGTC
CCCAAGTGGATCAGCATCATGACTGAGCGCAGTGTGTGCCACCTCCAGAAAGTGTTCGAAAGGTACAAGA
GCTACAGTCCTTATGACATGCTGGAGAGCATCAGGAAAGAGGTCAAAGGAGACCTGGAGAACGCCCTTCCT
GAACCTGGTTTCAGTGCATTCAGAACAAGCCCTGTACTTTGCTGACCGGCTGTATGACTCCATGAAGGGC
AAGGGGACTCGAGACAAGGTCCTGATTAGAATCATGGTCTCTCGCAGTGAAGTGGACATGTTGAAAATCA
GATCTGAATTCAAGAGGAAATATGGCAAATCCCTGTACTACTTCCAGCAAGACACTAAGGGTGACTA
CCAGAAGGCGCTGCTGTACCTGTGTGGTGGGGACGAC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214551 representing NM_019905
Red=Cloning site Green=Tags(s)

MSTVHEILCKLSLEGDHSTPPSAYGSVKPYTNFDAERDALNIETAIKTKGVDEVTIVNIL TNRSNAQRQD
 IAFAYQRRTKKELPSAMKSALSGHLETVMLGLLKTPAQYDASELKASMKGLGTDEDSLIEIICSRTNQEL
 QEINRVYKEMYKTDLEKDIISDTSGEFRKLLVALAKGKRAEDGSVIDYELIDQDARELYDAGVKRKGTDV
 PKWISIMTERSCHLQKVFERYSYSPYDMLIESIRKEVKGDLEN AFLNLVQCIQNKPLYFADRLYDSMKG
 KGTRDKVLIIRIMVSRSEVDMLKIRSEFKRKYGKSLYYFIQQDTKGDYQKALLYLCGGDD

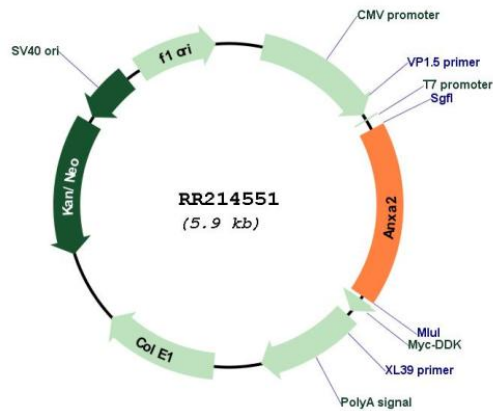
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_019905

ORF Size: 1017 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_019905.1 , NP_063970.1
RefSeq Size:	1395 bp
RefSeq ORF:	1020 bp
Locus ID:	56611
UniProt ID:	Q07936
Cytogenetics:	8q24
MW:	38.7 kDa
Gene Summary:	a plasminogen receptor; may be involved in cellular transformation [RGD, Feb 2006]