

Product datasheet for **RN204988**

Anxa1 (NM_012904) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Anxa1 (NM_012904) Rat Untagged Clone
Tag: Tag Free
Symbol: Anxa1
Synonyms: Anx1; p35
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204988 representing NM_012904
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAATGGTATCAGAATTCCTCAAGCAGGCCTGCTATATTGAAAAGCAAGAGCAGGAATATGTTCAAG
CTGTAAAAATCCTACAAAGGTGGTCTGGATCAGCAGTGAGCCCTACCCTTCCTTCAATCCGTCCTCGGA
TGTTGCTGCCTTGACAAAGCTATCATGGTTAAAGGTGTGGATGAGGCAACCATCATTGACATCCTTACC
AAGAGAACCAATGCTCAGCGCCAGCAGATCAAGGCAGCATACTTACAGGAGACTGGGAAGCCCTGGATG
AAACCTTGAAAAAGCCCTTACGGGCCACCTGGAGGAGGTTGTTTTGGCTATGCTCAAGACCCAGCTCA
GTTTGTATGCAGATGAACTCCGTGCTGCCATGAAGGGACTTGGAACAGATGAAGACTCTCATTGAGATT
TTGACAACAAGATCTAACCAGCAAATCAGAGAGATTACTAGAGTCTACAGAGAAGAGCTGAAAAGAGATC
TGGCCAAAGACATCACTTCGGACACATCTGGAGACTTTCGTAATGCCTTGCTTGCCTCGCCAAGGGTGA
TCGCTGTGAGGATATGAGTGTGAATCAAGATTTGGCTGATACAGATGCCAGGGCTTTGTATGAAGCTGGA
GAAAGGAGAAAGGGGACAGACGTGAATGTGTTCAATAACAATTTGACCACAAGAAGCTATCCTCATCTTC
GGAAAGTGTTTCAGAATTATAGAAAGTACAGTCAACATGACATGAACAAAGCCCTGGATCTGGAACGAA
GGGTGACATTGAGAAGTGCCTCACAAACATTGTGAAGTGTGCCACCAGCACTCCAGCTTTCTTTGCTGAG
AAACTGTATGAAGCCATGAAGGGTGTGGAACCTCGCCATAAGACATTGATCAGGATTATGGTCTCCCGTT
CGGAAATTGACATGAATGAAATCAAAGTATTTTACCAGAAGAAGTACGGAATCCCTCTCTGCCAAGCCAT
CCTGGATGAAACCAAGGAGACTATGAAAAATCCTGGTGGCTCTGTGTGGAGGAAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012904



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Insert Size:	1041 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).</p>
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:	<u>NM_012904.2, NP_037036.1</u>
RefSeq Size:	1401 bp
RefSeq ORF:	1041 bp
Locus ID:	25380
UniProt ID:	<u>P07150</u>
Cytogenetics:	1q51
Gene Summary:	plays a role in regulation of insulin secretion; may inhibit phospholipase A2 [RGD, Feb 2006]