

Product datasheet for **RR213827**

Anxa6 (NM_024156) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa6 (NM_024156) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Anxa6
Synonyms:	Anx6; CPB-II
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR213827 representing NM_024156
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAAAATAGCACAGGGTGCCATGTACCGAGGCTCTGTCCAGACTTCGAGACTTTGATGCAAATC
 AGGATGCCGAGGCTTTGTACACAGCCATGAAGGGCTTCGGCAGTGACAAGGAGTCCATATTGGAGCTGAT
 CACCTCCCGCAGCAACAAGCAGAGGCAGGAGATCTGCCAGAGTTACAAGTCCCTCTATGGCAAGGACCTC
 ATCGCAGACTTGAAGTATGAGTTGACAGGGAAGTTCGAGCGACTGATAGTGAACCTGATGAGGCCGCTTG
 CCTATTGTGACGCCAAAGAGATTAAGACGCTATCTCGGGCATTGGCACTGATGAGAAGTGCCTCATTGA
 AATTTTGGCTTCCCGACCAATGAGCAGATACACCAGCTGGTGGCCGCATACAAAGATGCCTATGAGAGA
 GACCTGGAGTCTGACATCATTGGAGACTTCAGGCCACTCCAGAAGATGCTGGTGGTACTGCTCCAGG
 GAACCCGGGAGAATGACGATGTTGTGAGTGAGGACTTGGTCCAGCAGGATGTCCAGGACCTGTATGAGGC
 AGGGGAATTGAAATGGGGAACAGATGAGGCCAGTTCATCTATATCTTGGAAACCGTAGCAAACAGCAC
 CTACGATTGGTGTGGTGTGAGTACCTGAAGACCACAGGGAAGCCATCGAAGCCAGTATCAGAGGGGAGC
 TGCTGGAGACTTTGAGAAGCTGATGTTGGCCGTGGTGAAGTGCATCCGAAGTACCCCGGAGATTTTGC
 TGAAAGGCTGTTCAAAGCCATGAAGGGCTGGGGACTCGAGACAACACTCTGATCCGTATCATGGTCTCC
 AGGAGCGAACTGGATATGCTTGACATCCGGGAGATCTTCCGGACCAAGTATGAGAAGTCACTCTACAGCA
 TGATCAAGAAATGATACCTCTGGTGAATACAAGAAGGCTTTGCTGAAGCTATGTGGAGGGGACGATGATGC
 CGCTGGCCAGTCTTCCCGGAGGCAGCACAGGTGGCCTATCAGATGTGGGAAGTGTGAGTGTCCCGA
 GTCGAGCTGAAGGGTACCGTGCCTGCGGCCAACGATTTCAACCCGATGCTGATGCCAAGGCCCTGCGGA
 AAGCCATGAAGGGAATTGGAACCGACGAAGCCACCATCATCGACATCATCACAGCGCAGCAACGCCCA
 GCGGCAGCAGATCCGGCAGACCTTCAAATCTCACTTTGGCCGGGATTTAATGGCCGACCTGAAGTCCGAG
 ATCTCAGGAGACCTGGCAAGGCTGATCCTGGGGCTCATGATGCCACCTGCCATTACGATGCTAAGCAGC
 TGAAGAAAGCTATGGAGGGAGCCGGCACAGATGAAAAGGCTTTATAGAAATCCTGGCCACCCGGACCAA
 TGCTGAAATCCGAGCCATCAATGAGGCCTACAAGGAGGATTATCACAAAGTCCCTGGAGGATGCCCTGAGC
 TCGGACACATCTGGCCACTTCAAAGGATCCTCATTTCTGCGCCACAGGGAATCGAGAGGAAGGAGGAG
 AAAACCGGACCAGGCTCAGGAAGATGCTCAGGTGGCTGCTGAGATCTTGGAAATAGCAGACACACCCAG
 TGGAGACAAAACCTCCTGGAGACTCGATTCATGACCGTCTGTGCACCCGTAGCTATCCCACCTGCGC
 AGAGTCTTCCAGGAGTTCATCAAGAAAACCAACTATGACATAGAGCATGTATCAAGAAGGAGATGTCTG
 GGGACGTCAAGGACGCATTTGTGGCCATCGTTCAGAGTGTCAAGAACAAGCCTCTCTTCTTGTGACAA
 ACTGTACAAGTCCATGAAGGGTGCAGGACGGATGAGAAGACCCTCACAGGGTGTGGTGTCCCGGAGT
 GAGATAGACCTGCTCAACATCCGGAGGGAATTCATTGAGAAATATGACAAGTCTCTACACCAAGCCATTG
 AAGGTGACACCTCTGGAGACTTCATGAAGGCTTTGCTGGCGCTCTGTGGTGGAGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213827 representing NM_024156
Red=Cloning site Green=Tags(s)

MAKIAQGAMYRGSVHDFADFANQDAEALYTAMKGFSGDKESILELITSRSNKQRQEICQSYKSLYGKDL
 IADLKYELTGKFERLIVNLMRPLAYCDAKEIKDAISGIGTDEKCLIEILASRTNEQIHQLVAAYKDAYER
 DLESDIIGDTSGHFQKMLVLLQGTRENDVVSSEDLVQQDVQDLYEAGELKWGTDEAQFIYILGNRSKQH
 LRLVFDEYLKTTGKPIEASIRGELSGDFEKLMLAVVKCIRSTPEYFAERLFKAMKGLGTRDNTLIRIMVS
 RSELDMLDIREIFRTKYEKSLYSMIKNDTSGEYKALLKLCGGDDAAGQFFPEAAQVAYQMWELSAVSR
 VELKGTVRAANDFNPDADAKALRKAMKIGTDEATIIDIITQRSNAQRQQIRQTFKSHFGRDLMADLKSE
 ISGDLARLILGLMPPAHYDAKQLKKAMEGAGTDEKALIEILATRTNAEIRAINAYKEDYHKSLEDALS
 SDTSGHFKRILISLATGNREEGGENRDQAQEDAQVAEILEIADTPSGDKTSLETRFMTVLCTRSYPHLR
 RVFQEFIKKTNIDIEHVIKKEMSGDVKDAFVAIVQSVKNKPLFFADKLYKSMKGAGTDEKTLTRVMVSR
 EIDLLNIRREFIEKYDKSLHQAIEGDTSGDFMKALLALCGGED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_024156

ORF Size: 2019 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_024156.2](#), [NP_077070.2](#)

RefSeq Size: 2625 bp

RefSeq ORF: 2022 bp

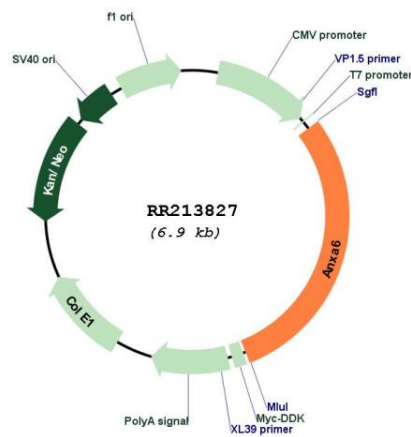
Locus ID: 79125

Cytogenetics: 10q22

MW: 75.8 kDa

Gene Summary: Ca(2+)-sensitive phospholipid-binding protein that binds CRHSP-28 [RGD, Feb 2006]

Product images:



Circular map for RR213827