

Product datasheet for RC223936

Annexin A13 (ANXA13) (NM_004306) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Annexin A13 (ANXA13) (NM_004306) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Annexin A13
Synonyms:	ANX13; ISA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223936 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAATCGTCATGCTAAAGCGAGCAGTCCTCAGGGTTTTGATGTGGATCGAGATGCCAAAAAGCTGA
ACAAAGCCTGCAAAGGAATGGGGACCAATGAAGCAGCCATCATTGAAATCTTATCGGGCAGGACATCAGA
TGAGAGGCAACAAATCAAGCAAAAGTACAAGGCAACGTACGGCAAGGAGCTGGAGGAAGTACTCAAGAGT
GAGCTGAGTGAAACTTCGAGAAGACAGCGTTGGCCCTTCTGGACCATCCAGCGAGTACGCCGCCCGGC
AGCTGCAGAAGGCTATGAAGGTCTGGGCACAGATGAGTCCGTCCTCATTGAGGTCTGTGCACGAGGAC
CAATAAGGAAATCATCGCCATTAAGAGGCCTACCAAAGGCTATTTGATAGGAGCCTCGAATCAGATGTC
AAAGGTGATACAAGTGGAAACCTAAAAAATCCTGGTGTCTCTGCTGCAGGCTAATCGCAATGAAGGAG
ATGACGTGGACAAAGATCTAGCTGGTCAGGATGCCAAAGATCTGTATGATGCAGGGGAAGGCCGCTGGGG
CACTGATGAGCTTGCCTCAATGAAGTCTGGCCAAGAGGAGCTACAAGCAGTTACGAGCCACCTTTCAA
GCCTATCAAAATTCATTGGCAAAGACATAGAAGAAGCCATTGAAGAAGAAACATCAGGCCGACTTGACA
AGGCCTATTTAACTCTCGTGAGATGTGCCAGGATTGTGAGGACTATTTGCTGAACGTCTGTACAAGTC
GATGAAGGTGCCGGGACCGATGAGGAGACGTTGATTGCGATAATCGTGACCAGGGCCGAGGTGGACCTT
CAGGGGATCAAAGCAAAGTTCCAAGAGAAGTATCAGAAGTCTCTCTGACATGGTTCGCTCAGATACCT
CCGGGGACTTCCGGAAACTGCTAGTAGCCCTCTTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_004306.4](#)

RefSeq Size: 1486 bp

RefSeq ORF: 951 bp

Locus ID: 312

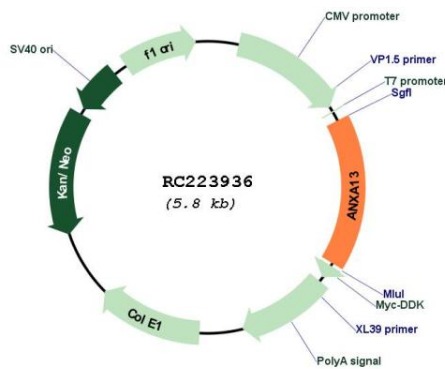
UniProt ID: [P27216](#)

Cytogenetics: 8q24.13

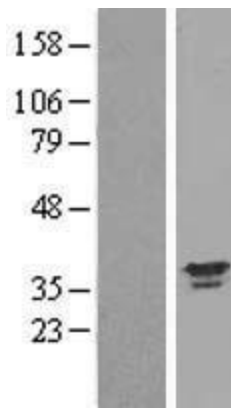
MW: 35.4 kDa

Gene Summary: This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. The specific function of this gene has not yet been determined; however, it is associated with the plasma membrane of undifferentiated, proliferating endothelial cells and differentiated villus enterocytes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

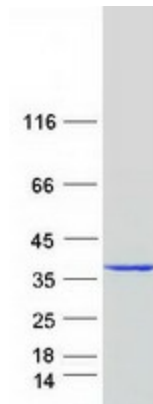
Product images:



Circular map for RC223936



Western blot validation of overexpression lysate (Cat# [LY418074]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC223936 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ANXA13 protein (Cat# [TP323936]). The protein was produced from HEK293T cells transfected with ANXA13 cDNA clone (Cat# RC223936) using MegaTran 2.0 (Cat# [TT210002]).