

Product datasheet for RC203229L3

OriGene Technologies, Inc.

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Annexin IV (ANXA4) (NM_001153) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Annexin IV (ANXA4) (NM 001153) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Annexin IV

Synonyms: ANX4; HEL-S-274; P32.5; PAP-II; PIG28; PP4-X; ZAP36

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203229).

Sgfl-Mlul

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

GCG ATC GCC ATG ---//--- NNN ACG CGT ---



st The last codon before the Stop codon of the ORF.

ACCN: NM_001153

ORF Size: 963 bp



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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.

annexin

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 001153.2</u>

RefSeq Size: 2158 bp RefSeq ORF: 966 bp

Locus ID: 307

UniProt ID: P09525

Cytogenetics: 2p13.3

Domains:

MW: 36.1 kDa

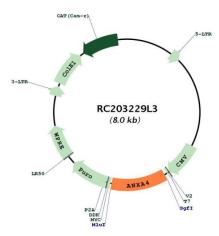
Gene Summary: Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding

proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for

this gene. [provided by RefSeq, Mar 2016]



Product images:



Circular map for RC203229L3