

Product datasheet for **RC216809L3V**

Annexin VI (ANXA6) (NM_004033) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | Annexin VI (ANXA6) (NM_004033) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Annexin VI |
| Synonyms: | annexin A6; annexin VI; annexin VI (p68); ANX6; calcium-binding protein p68; calelectrin; calphobindin II; CBP68 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_004033 |
| ORF Size: | 2001 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC216809). |
| 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. |
| RefSeq: | NM_004033.2 , NP_004024.2 |
| RefSeq Size: | 2897 bp |
| RefSeq ORF: | 2003 bp |
| Locus ID: | 309 |
| Cytogenetics: | 5q33.1 |
| Domains: | annexin |
| MW: | 75.1 kDa |



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Gene Summary:

Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2010]