

Product datasheet for **RC215986L1V**

AKAP6 (NM_004274) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | AKAP6 (NM_004274) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | AKAP6 |
| Synonyms: | ADAP6; ADAP100; AKAP100; mAKAP; PRKA6 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_004274 |
| ORF Size: | 6957 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC215986). |
| 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_004274.3 |
| RefSeq Size: | 10342 bp |
| RefSeq ORF: | 6960 bp |
| Locus ID: | 9472 |
| UniProt ID: | Q13023 |
| Cytogenetics: | 14q12 |
| Domains: | spectrin |
| Protein Families: | Druggable Genome |



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MW: 256.5 kDa

Gene Summary: The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is highly expressed in various brain regions and cardiac and skeletal muscle. It is specifically localized to the sarcoplasmic reticulum and nuclear membrane, and is involved in anchoring PKA to the nuclear membrane or sarcoplasmic reticulum. [provided by RefSeq, Jul 2008]