

Product datasheet for **RC209207L2V**

KCNK5 (NM_003740) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | KCNK5 (NM_003740) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | KCNK5 |
| Synonyms: | K2p5.1; KCNK5b; TASK-2; TASK2 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_003740 |
| ORF Size: | 1497 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC209207). |
| 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_003740.3 |
| RefSeq Size: | 3800 bp |
| RefSeq ORF: | 1500 bp |
| Locus ID: | 8645 |
| UniProt ID: | O95279 |
| Cytogenetics: | 6p21.2 |
| Protein Families: | Druggable Genome, Ion Channels: Potassium, Transmembrane |
| MW: | 55.1 kDa |



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Gene Summary:

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008]