

Product datasheet for RC222290L2V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Kv3.2 (KCNC2) (NM 139137) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Kv3.2 (KCNC2) (NM_139137) Human Tagged ORF Clone Lentiviral Particle

Symbol: KV3.2 Synonyms: **Mammalian Cell** None

Selection:

Vector: pLenti-C-mGFP (PS100071)

mGFP Tag:

NM 139137 ACCN: **ORF Size:** 1914 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC222290).

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of OTI Disclaimer:

> 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.

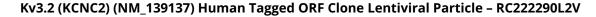
RefSeq: NM 139137.3

RefSeq Size: 5512 bp RefSeq ORF: 1917 bp Locus ID: 3747 **UniProt ID:** Q96PR1 Cytogenetics: 12q21.1

Domains: BTB, K_tetra, ion_trans

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane





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MW: 70.2 kDa

Gene Summary:

The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]