

Product datasheet for RC228538L4V

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

epithelial Sodium Channel alpha (SCNN1A) (NM_001159575) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: epithelial Sodium Channel alpha (SCNN1A) (NM_001159575) Human Tagged ORF Clone

Lentiviral Particle

Symbol: epithelial Sodium Channel alpha

Synonyms: BESC2; ENaCa; ENaCalpha; LIDLS3; SCNEA; SCNN1

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM 001159575

ORF Size: 2076 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC228538).

OTI Disclaimer:

Sequence:

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: <u>NM 001159575.1, NP 001153047.1</u>

 RefSeq ORF:
 2079 bp

 Locus ID:
 6337

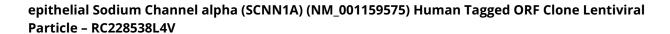
 UniProt ID:
 P37088

 Cytogenetics:
 12p13.31

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

Protein Pathways: Taste transduction







MW: 78.1 kDa

Gene Summary: Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte

transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the alpha subunit, and mutations in this gene have been associated with pseudohypoaldosteronism type 1 (PHA1), a rare salt wasting disease resulting from target organ unresponsiveness to mineralocorticoids. Alternatively spliced transcript variants encoding different isoforms have been described for

this gene. [provided by RefSeq, Apr 2009]