

Product datasheet for RC210409L2V

OriGene Technologies, Inc.

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ACCN1 (ASIC2) (NM_001094) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ACCN1 (ASIC2) (NM 001094) Human Tagged ORF Clone Lentiviral Particle

Symbol: ACCN1

Synonyms: ACCN; ACCN1; ASIC2a; BNaC1; BNC1; hBNaC1; MDEG

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_001094 **ORF Size:** 1536 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC210409).

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.

RefSeg: NM 001094.4, NP 001085.2

RefSeq Size: 2747 bp RefSeq ORF: 1539 bp

Locus ID: 40

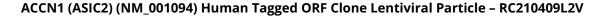
UniProt ID: Q16515

Cytogenetics: 17q11.2-q12

Protein Families: Druggable Genome, Ion Channels: Other

Protein Pathways: Taste transduction





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MW: 57.7 kDa

Gene Summary:

This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene may play a role in neurotransmission. In addition, a heteromeric association between this member and acid-sensing (proton-gated) ion channel 3 has been observed to co-assemble into proton-gated channels sensitive to gadolinium. Alternative splicing has been observed at this locus and two variants, encoding distinct isoforms, have been identified. [provided by RefSeq, Feb 2012]