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

Product datasheet for RC209564L4V

epithelial Sodium Channel alpha (SCNN1A) (NM_001038) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	epithelial Sodium Channel alpha (SCNN1A) (NM_001038) 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_001038
ORF Size:	2007 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209564).`
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_001038.4
RefSeq Size:	3171 bp
RefSeq ORF:	2010 bp
Locus ID:	6337
UniProt ID:	P37088
Cytogenetics:	12p13.31
Domains:	ASC

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Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
Protein Pathways:	Taste transduction
MW:	75.5 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]

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