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 RC222532L2V

SLC26A4 (NM_000441) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC26A4 (NM_000441) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC26A4
Synonyms:	DFNB4; EVA; PDS; TDH2B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000441
ORF Size:	2340 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222532).
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_000441.1
RefSeq Size:	4930 bp
RefSeq ORF:	2343 bp
Locus ID:	5172
UniProt ID:	O43511
Cytogenetics:	7q22.3
Domains:	Sulfate_transp, STAS
Protein Families:	Druggable Genome, Transmembrane

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MW: 85.5 kDa

Gene Summary: Mutations in this gene are associated with Pendred syndrome, the most common form of syndromic deafness, an autosomal-recessive disease. It is highly homologous to the SLC26A3 gene; they have similar genomic structures and this gene is located 3' of the SLC26A3 gene. The encoded protein has homology to sulfate transporters. [provided by RefSeq, Jul 2008]