

## Product datasheet for RC222743L3V

## OriGene Technologies, Inc.

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## Sodium bicarbonate transporter like protein 11 (SLC4A11) (NM\_032034) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: Sodium bicarbonate transporter like protein 11 (SLC4A11) (NM\_032034) Human Tagged ORF

Clone Lentiviral Particle

Symbol: Sodium bicarbonate transporter like protein 11

Synonyms: BTR1; CDPD1; CHED; CHED2; dJ794l6.2; NABC1

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

**ACCN:** NM\_032034

**ORF Size:** 2673 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC222743).

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 032034.3</u>

 RefSeq Size:
 3110 bp

 RefSeq ORF:
 2676 bp

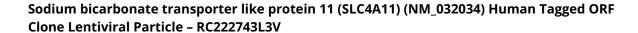
 Locus ID:
 83959

 UniProt ID:
 Q8NBS3

**Cytogenetics:** 20p13

**Protein Families:** Transmembrane







**MW:** 99.6 kDa

**Gene Summary:** This gene encodes a voltage-regulated, electrogenic sodium-coupled borate cotransporter

that is essential for borate homeostasis, cell growth and cell proliferation. Mutations in this gene have been associated with a number of endothelial corneal dystrophies including recessive corneal endothelial dystrophy 2, corneal dystrophy and perceptive deafness, and Fuchs endothelial corneal dystrophy. Multiple transcript variants encoding different isoforms

have been described. [provided by RefSeq, Mar 2010]