

Product datasheet for **RC230583L4V**

Sodium bicarbonate transporter like protein 11 (SLC4A11) (NM_001174090) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sodium bicarbonate transporter like protein 11 (SLC4A11) (NM_001174090) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Sodium bicarbonate transporter like protein 11
Synonyms:	BTR1; CDPD1; CHED; CHED2; dj794I6.2; NABC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174090
ORF Size:	2754 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230583).
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_001174090.1
RefSeq ORF:	2757 bp
Locus ID:	83959
UniProt ID:	Q8NBS3
Cytogenetics:	20p13
Protein Families:	Transmembrane
MW:	103.6 kDa



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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]