

Product datasheet for **RC219199L4V**

CLCNKB (NM_000085) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CLCNKB (NM_000085) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLCNKB
Synonyms:	CIC-K2; CIC-Kb; CLCKB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000085
ORF Size:	2061 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219199).
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_000085.1 , NP_000076.1
RefSeq Size:	2163 bp
RefSeq ORF:	2064 bp
Locus ID:	1188
UniProt ID:	P51801
Cytogenetics:	1p36.13
Protein Families:	Druggable Genome, Transmembrane
MW:	75.3 kDa



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Gene Summary:

The protein encoded by this gene is a member of the family of voltage-gated chloride channels. Chloride channels have several functions, including the regulation of cell volume, membrane potential stabilization, signal transduction and transepithelial transport. This gene is expressed predominantly in the kidney and may be important for renal salt reabsorption. Mutations in this gene are associated with autosomal recessive Bartter syndrome type 3 (BS3). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]