Product datasheet for RC214022L4V

SLC12A6 (NM_133647) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC12A6 (NM_133647) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC12A6
Synonyms:	ACCPN; KCC3; KCC3A; KCC3B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_133647
ORF Size:	3450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214022).
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_133647.1, NP_598408.1
RefSeq Size:	7502 bp
RefSeq ORF:	3453 bp
Locus ID:	9990
UniProt ID:	Q9UHW9
Cytogenetics:	15q14
Protein Families:	Transmembrane
MW:	127.4 kDa

View online »

Gene Summary:

This gene is a member of the K-Cl cotransporter (KCC) family. K-Cl cotransporters are integral membrane proteins that lower intracellular chloride concentrations below the electrochemical equilibrium potential. The proteins encoded by this gene are activated by cell swelling induced by hypotonic conditions. Alternate splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are associated with agenesis of the corpus callosum with peripheral neuropathy. [provided by RefSeq, Jul 2008]