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Product datasheet for RC224578L3V

SLC12A6 (NM_005135) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC12A6 (NM_005135) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC12A6
Synonyms:	ACCPN; KCC3; KCC3A; KCC3B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005135
ORF Size:	3297 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC224578).`
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_005135.2, NP_005126.1
RefSeq Size:	7327 bp
RefSeq ORF:	3300 bp
Locus ID:	9990
UniProt ID:	Q9UHW9
Cytogenetics:	15q14
Domains:	KCl_Cotrans_1
Protein Families:	Transmembrane

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MW: 122.1 kDa

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]