

Product datasheet for **RC224053L4V**

NKCC1 (SLC12A2) (NM_001046) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NKCC1 (SLC12A2) (NM_001046) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NKCC1
Synonyms:	BSC; BSC2; KILQS; NKCC1; PPP1R141
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001046
ORF Size:	3636 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224053).
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_001046.2
RefSeq Size:	6891 bp
RefSeq ORF:	3639 bp
Locus ID:	6558
UniProt ID:	P55011
Cytogenetics:	5q23.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Vibrio cholerae infection



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MW: 131.3 kDa

Gene Summary: The protein encoded by this gene mediates sodium and chloride transport and reabsorption. The encoded protein is a membrane protein and is important in maintaining proper ionic balance and cell volume. This protein is phosphorylated in response to DNA damage. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]