

Product datasheet for **MR211420L4V**

Slc12a3 (NM_019415) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Slc12a3
Synonyms:	AI035291; NCC; NCCT; TSC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019415
ORF Size:	3006 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR211420).

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_019415.1](#), [NP_062288.1](#), [NP_062288.2](#)

RefSeq Size: 3297 bp

RefSeq ORF: 3006 bp

Locus ID: 20497

Cytogenetics: 8 46.46 cM



Gene Summary:

Electroneutral sodium and chloride ion cotransporter. In kidney distal convoluted tubules, key mediator of sodium and chloride reabsorption (By similarity). Receptor for the proinflammatory cytokine IL18. Contributes to IL18-induced cytokine production, including IFNG, IL6, IL18 and CCL2. May act either independently of IL18R1, or in a complex with IL18R1 (PubMed:26099046).[UniProtKB/Swiss-Prot Function]