

Product datasheet for **MR210144L3V**

Slc28a3 (NM_022317) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc28a3 (NM_022317) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc28a3
Synonyms:	Cnt3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022317
ORF Size:	2109 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210144).
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_022317.3 , NP_071712.3
RefSeq Size:	4565 bp
RefSeq ORF:	2112 bp
Locus ID:	114304
UniProt ID:	Q9ERH8
Cytogenetics:	13 B1



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Gene Summary:

Sodium-dependent, pyrimidine- and purine-selective. Involved in the homeostasis of endogenous nucleosides. Exhibits the transport characteristics of the nucleoside transport system cib or N3 subtype (N3/cib) (with marked transport of both thymidine and inosine). Employs a 2:1 sodium/nucleoside ratio. Also able to transport gemcitabine, 3'-azido-3'-deoxythymidine (AZT), ribavirin and 3-deazauridine (By similarity).[UniProtKB/Swiss-Prot Function]