

Product datasheet for **MR226368L3V**

Nphs1 (NM_019459) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nphs1 (NM_019459) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nphs1
Synonyms:	nephrin; NephrinB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_019459
ORF Size:	3768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226368).
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_019459.2 , NP_062332.2
RefSeq Size:	5661 bp
RefSeq ORF:	3771 bp
Locus ID:	54631
UniProt ID:	Q9QZS7
Cytogenetics:	7 B1



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Gene Summary:

Seems to play a role in the development or function of the kidney glomerular filtration barrier. Regulates glomerular vascular permeability. May anchor the podocyte slit diaphragm to the actin cytoskeleton. Plays a role in skeletal muscle formation through regulation of myoblast fusion.[UniProtKB/Swiss-Prot Function]