

## Product datasheet for **MR205416L3V**

### Slc9a3r1 (NM\_012030) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Slc9a3r1 (NM_012030) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Slc9a3r1
Synonyms:	EBP-50; NHE-RF; NHERF-1; NHERF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012030
ORF Size:	1068 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205416).
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. <a href="#">More info</a>
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:	<a href="#">NM_012030.2</a> , <a href="#">NP_036160.1</a>
RefSeq Size:	1922 bp
RefSeq ORF:	1068 bp
Locus ID:	26941
UniProt ID:	<a href="#">P70441</a>
Cytogenetics:	11 E2



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**Gene Summary:**

Scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. Necessary for recycling of internalized ADRB2. Was first known to play a role in the regulation of the activity and subcellular location of SLC9A3. Necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. May enhance Wnt signaling (By similarity). May participate in HTR4 targeting to microvilli. Involved in the regulation of phosphate reabsorption in the renal proximal tubules (By similarity). Involved in sperm capacitation. May participate in the regulation of the chloride and bicarbonate homeostasis in spermatozoa.[UniProtKB/Swiss-Prot Function]