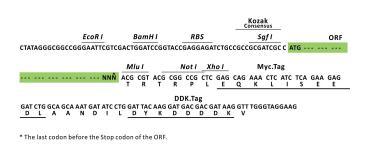


## Product datasheet for RC215675L3

## SLC9A3R2 (NM\_004785) Human Tagged Lenti ORF Clone

## **Product data:**

Product Type:	Expression Plasmids
Product Name:	SLC9A3R2 (NM_004785) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SLC9A3R2
Synonyms:	E3KARP; NHE3RF2; NHERF-2; NHERF2; OCTS2; SIP-1; SIP1; TKA-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215675).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgfi ORF Mlu i



--- GCG ATC GC ATG --- // --- NNN ACG CGT ---

ACCN: ORF Size: NM\_004785 978 bp

## OriGene Technologies, Inc.

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SLC9A3R2 (NM_004785) Human Tagged Lenti ORF Clone – RC215675L3	
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 004785.5</u>
RefSeq Size:	2161 bp
RefSeq ORF:	981 bp
Locus ID:	9351
UniProt ID:	<u>Q15599</u>
Cytogenetics:	16p13.3
Domains:	PDZ
Protein Families:	Druggable Genome
MW:	36.2 kDa
Gene Summary:	This gene encodes a member of the NHERF family of PDZ scaffolding proteins. These proteins mediate many cellular processes by binding to and regulating the membrane expression and protein-protein interactions of membrane receptors and transport proteins. The encoded protein plays a role in intestinal sodium absorption by regulating the activity of the sodium/hydrogen exchanger 3, and may also regulate the cystic fibrosis transmembrane regulator (CFTR) ion channel. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]

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