

## Product datasheet for **RC230392L3V**

### SLC9A6 (NM\_001177651) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | SLC9A6 (NM_001177651) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | SLC9A6   |
| Synonyms:                 | MRSA; NHE6   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001177651   |
| ORF Size:                 | 1947 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC230392).   |
| 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_001177651.1</a>   |
| RefSeq Size:              | 4620 bp  |
| RefSeq ORF:               | 1950 bp  |
| Locus ID:                 | 10479  |
| UniProt ID:               | <a href="#">Q92581</a>   |
| Cytogenetics:             | Xq26.3   |
| Protein Families:         | Druggable Genome, Transmembrane  |
| Protein Pathways:         | Cardiac muscle contraction   |



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**MW:** 72.3 kDa

**Gene Summary:** This gene encodes a sodium-hydrogen exchanger that is a member of the solute carrier family 9. The encoded protein localizes to early and recycling endosomes and may be involved in regulating endosomal pH and volume. Defects in this gene are associated with X-linked syndromic cognitive disability, Christianson type. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Apr 2010]