

## Product datasheet for **RC222401L2V**

### SLC4A5 (NM\_021196) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | SLC4A5 (NM_021196) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | SLC4A5   |
| Synonyms:                 | NBC4; NBCe2  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_021196  |
| ORF Size:                 | 3411 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC222401).   |
| 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_021196.2</a> , <a href="#">NP_067019.2</a>  |
| RefSeq Size:              | 3414 bp  |
| RefSeq ORF:               | 3414 bp  |
| Locus ID:                 | 57835  |
| UniProt ID:               | <a href="#">Q9BY07</a>   |
| Cytogenetics:             | 2p13.1   |
| Protein Families:         | Transmembrane  |
| MW:                       | 126.1 kDa  |



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**Gene Summary:**

This gene encodes a member of the sodium bicarbonate cotransporter (NBC) family, part of the bicarbonate transporter superfamily. Sodium bicarbonate cotransporters are involved in intracellular pH regulation and electroneutral or electrogenic sodium bicarbonate transport. This protein is thought to be an integral membrane protein. Multiple transcript variants encoding different isoforms have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]