

## Product datasheet for **RC221777L3V**

### **GPR64 (ADGRG2) (NM\_001079860) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | GPR64 (ADGRG2) (NM_001079860) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                           |
| Symbol:                   | ADGRG2                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:                 | CBAVDX; EDDM6; GPR64; HE6; TM7LN2                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_001079860                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 2985 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC221777).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001079860.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:              | 4829 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 2988 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 10149                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q8IZP9</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | Xp22.13                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Families:         | Druggable Genome, GPCR, Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                              |
| MW:                       | 109.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                          |



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**Gene Summary:**

This gene encodes a member of the G protein-coupled receptor family described as an epididymis-specific transmembrane protein. The encoded protein may be proteolytically processed as it contains a motif shown to be a protein scission motif in some members of this family (PMID: 11973329). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]