

## Product datasheet for **RC223792L3V**

### **TAS2R43 (NM\_176884) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TAS2R43 (NM_176884) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | TAS2R43  |
| Synonyms:                 | T2R43; T2R52   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_176884  |
| ORF Size:                 | 927 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC223792).   |
| 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_176884.1</a> , <a href="#">NP_795365.1</a>  |
| RefSeq Size:              | 1027 bp  |
| RefSeq ORF:               | 930 bp   |
| Locus ID:                 | 259289   |
| UniProt ID:               | <a href="#">P59537</a>   |
| Cytogenetics:             | 12p13.2  |
| Protein Pathways:         | Taste transduction   |
| MW:                       | 35.5 kDa   |



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**Gene Summary:**

TAS2R43 belongs to the large TAS2R receptor family. TAS2Rs are expressed on the surface of taste receptor cells and mediate the perception of bitterness through a G protein-coupled second messenger pathway (Conte et al., 2002 [PubMed 12584440]). For further information on TAS2Rs, see MIM 604791.[supplied by OMIM, Mar 2009]