

## Product datasheet for **RC219688L4V**

### WNT11 (NM\_004626) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | WNT11 (NM_004626) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | WNT11  |
| Synonyms:                 | HWNT11   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_004626  |
| ORF Size:                 | 1062 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC219688).   |
| 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_004626.2</a>  |
| RefSeq Size:              | 1927 bp  |
| RefSeq ORF:               | 1065 bp  |
| Locus ID:                 | 7481   |
| UniProt ID:               | <a href="#">O96014</a>   |
| Cytogenetics:             | 11q13.5  |
| Protein Families:         | Secreted Protein, Transmembrane  |



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|--------------------------|--|
| <b>Protein Pathways:</b> | Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway   |
| <b>MW:</b>               | 39.18 kDa  |
| <b>Gene Summary:</b>     | The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 97%, 85%, and 63% amino acid identity with mouse, chicken, and Xenopus Wnt11 protein, respectively. This gene may play roles in the development of skeleton, kidney and lung, and is considered to be a plausible candidate gene for High Bone Mass Syndrome. [provided by RefSeq, Jul 2008] |