

## Product datasheet for **RC220892L4V**

### Consortin (CNST) (NM\_152609) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Consortin (CNST) (NM_152609) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Consortin
Synonyms:	C1orf71; PPP1R64
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152609
ORF Size:	2175 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220892).
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_152609.1</a> , <a href="#">NP_689822.1</a>
RefSeq Size:	3608 bp
RefSeq ORF:	2178 bp
Locus ID:	163882
UniProt ID:	<a href="#">Q6PJW8</a>
Cytogenetics:	1q44
Protein Families:	Transmembrane
MW:	79.4 kDa



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**Gene Summary:**

Targeting of numerous transmembrane proteins to the cell surface is thought to depend on their recognition by cargo receptors that interact with the adaptor machinery for anterograde traffic at the distal end of the Golgi complex. Consortin (CNST) is an integral membrane protein that acts as a binding partner of connexins, the building blocks of gap junctions, and acts as a trans-Golgi network (TGN) receptor involved in connexin targeting to the plasma membrane and recycling from the cell surface (del Castillo et al., 2010 [PubMed 19864490]). [supplied by OMIM, Jun 2010]