

## Product datasheet for **MR226862L4V**

### Porcn (NM\_023638) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Porcn (NM_023638) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Porcn
Synonyms:	2410004O13Rik; AW045557; DXHXS7465e; Mg61; mMg61; Mporc; porc; Ppn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023638
ORF Size:	1383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226862).
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_023638.3</a>
RefSeq Size:	1896 bp
RefSeq ORF:	1386 bp
Locus ID:	53627
UniProt ID:	<a href="#">Q9J1J7</a>
Cytogenetics:	X 3.7 cM



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**Gene Summary:**

Protein-serine O-palmitoleyltransferase that acts as a key regulator of the Wnt signaling pathway by mediating the attachment of palmitoleate, a 16-carbon monounsaturated fatty acid (C16:1), to Wnt proteins. Serine palmitoleylation of WNT proteins is required for efficient binding to frizzled receptors.[UniProtKB/Swiss-Prot Function]