

## Product datasheet for **RC220162L4V**

### TMEPAI (PMEPA1) (NM\_199170) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TMEPAI (PMEPA1) (NM_199170) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEPAI
Synonyms:	STAG1; TMEPAI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199170
ORF Size:	711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220162).
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_199170.1</a>
RefSeq Size:	4531 bp
RefSeq ORF:	714 bp
Locus ID:	56937
UniProt ID:	<a href="#">Q969W9</a>
Cytogenetics:	20q13.31
Protein Families:	Druggable Genome, Transmembrane
MW:	26 kDa



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**Gene Summary:**

This gene encodes a transmembrane protein that contains a Smad interacting motif (SIM). Expression of this gene is induced by androgens and transforming growth factor beta, and the encoded protein suppresses the androgen receptor and transforming growth factor beta signaling pathways through interactions with Smad proteins. Overexpression of this gene may play a role in multiple types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]