

## Product datasheet for **RC208388L4V**

### QPCT (NM\_012413) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	QPCT (NM_012413) Human Tagged ORF Clone Lentiviral Particle
Symbol:	QPCT
Synonyms:	GCT; QC; sQC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012413
ORF Size:	1083 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208388).
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_012413.3</a>
RefSeq Size:	1719 bp
RefSeq ORF:	1086 bp
Locus ID:	25797
UniProt ID:	<a href="#">Q16769</a>
Cytogenetics:	2p22.2
Domains:	Glutaminyl_cycl
Protein Families:	Protease



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**MW:** 40.9 kDa

**Gene Summary:** This gene encodes human pituitary glutaminy cyclase, which is responsible for the presence of pyroglutamyl residues in many neuroendocrine peptides. The amino acid sequence of this enzyme is 86% identical to that of bovine glutaminy cyclase. [provided by RefSeq, Jul 2008]