

## Product datasheet for **RC209671L3V**

### GPR45 (NM\_007227) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GPR45 (NM_007227) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GPR45
Synonyms:	PSP24; PSP24(ALPHA); PSP24A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007227
ORF Size:	1116 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209671).
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_007227.3</a> , <a href="#">NP_009158.3</a>
RefSeq Size:	1725 bp
RefSeq ORF:	1119 bp
Locus ID:	11250
UniProt ID:	<a href="#">Q9Y5Y3</a>
Cytogenetics:	2q12.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	42 kDa



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**Gene Summary:**

This intronless gene encodes a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. This protein may function in the central nervous system. [provided by RefSeq, Jul 2008]