

Product datasheet for **MR216722L4V**

Gpx5 (NM_010343) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Gpx5
Synonyms:	Arep; AV379049
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010343
ORF Size:	663 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR216722).

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. [More info](#)

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:	NM_010343.2 , NP_034473.2
RefSeq Size:	1629 bp
RefSeq ORF:	666 bp
Locus ID:	14780
UniProt ID:	P21765
Cytogenetics:	13 7.73 cM



Gene Summary:

Protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione. May constitute a glutathione peroxidase-like protective system against peroxide damage in sperm membrane lipids.[UniProtKB/Swiss-Prot Function]