

Product datasheet for **MR201744L4V**

Gpx7 (NM_024198) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpx7 (NM_024198) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpx7
Synonyms:	3110050F08Rik; AI327032; GPX6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024198
ORF Size:	561 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201744).
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_024198.2
RefSeq Size:	1214 bp
RefSeq ORF:	561 bp
Locus ID:	67305
UniProt ID:	Q99LJ6
Cytogenetics:	4 C7



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Gene Summary:

It protects esophageal epithelia from hydrogen peroxide-induced oxidative stress. It suppresses acidic bile acid-induced reactive oxygen species (ROS) and protects against oxidative DNA damage and double-strand breaks (By similarity).[UniProtKB/Swiss-Prot Function]