

Product datasheet for **MR205209L3V**

G6pc3 (NM_175935) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	G6pc3 (NM_175935) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	G6pc3
Synonyms:	0710001K01Rik; AU019276; AU045429; AV128920; AW545836; UGRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_175935
ORF Size:	1041 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205209).
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_175935.3 , NP_787949.2
RefSeq Size:	1612 bp
RefSeq ORF:	1041 bp
Locus ID:	68401
UniProt ID:	Q6NSQ9
Cytogenetics:	11 D



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Gene Summary:

Hydrolyzes glucose-6-phosphate to glucose in the endoplasmic reticulum. May form with the glucose-6-phosphate transporter (SLC37A4/G6PT) a ubiquitously expressed complex responsible for glucose production through glycogenolysis and gluconeogenesis. Probably required for normal neutrophil function.[UniProtKB/Swiss-Prot Function]