

## Product datasheet for **MR203749L4V**

### **M6pr (NM\_010749) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	M6pr (NM_010749) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	M6pr
Synonyms:	CD-MPR; Mpr46
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010749
ORF Size:	837 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203749).
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_010749.6</a> , <a href="#">NP_034879.2</a>
RefSeq Size:	2258 bp
RefSeq ORF:	837 bp
Locus ID:	17113
UniProt ID:	<a href="#">P24668</a>
Cytogenetics:	6 57.52 cM



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**Gene Summary:**

Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6-phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex.[UniProtKB/Swiss-Prot Function]