

Product datasheet for **MR210437L4V**

Pomt1 (NM_145145) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pomt1 (NM_145145) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pomt1
Synonyms:	AI505244
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145145
ORF Size:	2238 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210437).
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_145145.1
RefSeq Size:	2838 bp
RefSeq ORF:	2241 bp
Locus ID:	99011
UniProt ID:	Q8R2R1
Cytogenetics:	2 B



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Gene Summary:

Transfers mannosyl residues to the hydroxyl group of serine or threonine residues. Coexpression of both POMT1 and POMT2 is necessary for enzyme activity, expression of either POMT1 or POMT2 alone is insufficient. Essentially dedicated to O-mannosylation of alpha-DAG1 and few other proteins but not of cadherins and protocadherins.
[UniProtKB/Swiss-Prot Function]