

Product datasheet for **MR210560L4V**

Pat1 (NM_172635) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pat1 (NM_172635) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pat1
Synonyms:	AV312086; Pat1b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172635
ORF Size:	2310 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210560).
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_172635.3 , NP_766223.2
RefSeq Size:	4221 bp
RefSeq ORF:	2313 bp
Locus ID:	225929
UniProt ID:	Q3TC46
Cytogenetics:	19 A



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Gene Summary:

RNA-binding protein involved in deadenylation-dependent decapping of mRNAs, leading to the degradation of mRNAs. Acts as a scaffold protein that connects deadenylation and decapping machinery. Required for cytoplasmic mRNA processing body (P-body) assembly (By similarity).[UniProtKB/Swiss-Prot Function]