

Product datasheet for **MR224361L4V**

Ptch2 (NM_008958) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ptch2 (NM_008958) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ptch2
Synonyms:	ptc; ptc2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008958
ORF Size:	3546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224361).
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_008958.2 , NP_032984.1
RefSeq Size:	3549 bp
RefSeq ORF:	3549 bp
Locus ID:	19207
UniProt ID:	O35595
Cytogenetics:	4 53.41 cM



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Gene Summary:

This gene encodes a member of the patched family of transmembrane receptor proteins. The encoded protein may be a functional receptor for the morphogen sonic hedgehog (Shh) and is reportedly involved in limb and skin development. Homozygous mutant mice for this gene exhibit hair loss and epidermal hyperplasia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]